

EXHIBIT DX13

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA

In Re:

Bair Hugger Forced Air Warming
Products Liability Litigation

This Document Relates To:

All Actions

MDL No.

15-2666 (JNE/FLM)

VIDEOTAPED DEPOSITION

OF

MARK ALBRECHT

VOLUME 1

Minneapolis, Minnesota

Friday, October 7th, 2016

Reported by:

Amy L. Larson, RPR

Job No. 112502

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ALSO PRESENT: Kraig Hildahl, Videographer

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THE VIDEOTAPED DEPOSITION OF MARK ALBRECHT,

VOLUME 1, taken on this 7th day of October, 2016,
at the Law Offices of Blackwell, Burke, LLP,
431 South Seventh Street, Suite 2500, Minneapolis,
Minnesota, commencing at approximately 9:17 a.m.

P R O C E E D I N G S

THE VIDEOGRAPHER: This is the
start of tape labeled number 1 in the
videotaped deposition of Mark Albrecht in the
matter of In Re: Bair Hugger Forced Air
Warming Products Liability Litigation, in the
U.S. District Court, District of Minnesota.
The MDL case number is 15-2666 (JNE/FLN).

This deposition is being held at
Blackwell, Burke law firm in Minneapolis,
Minnesota on October 7th, 2016. The time is
9:18 a.m. My name is Kraig Hildahl, I'm a
legal video specialist from TSG Reporting.
The court reporter is Amy Larson also with
TSG Reporting.

Will counsel please introduce
themselves for the record.

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MR. C. GORDON: Corey Gordon and Peter Goss on behalf of defendant 3M.

MR. B. GORDON: Ben Gordon for the plaintiffs.

MR. ASSAAD: Gabriel Assaad for the plaintiffs.

MS. ZIMMERMAN: Genevieve Zimmerman for the plaintiffs.

MR. PAREKH: Behram Parekh for plaintiffs.

THE VIDEOGRAPHER: Will the court reporter please swear in the witness and we can proceed.

MARK ALBRECHT,
a witness in the above-entitled action,
after having been first duly sworn, was
deposed and says as follows:

EXAMINATION

BY MR. C. GORDON:

Q. Good morning, Mr. Albrecht.

A. Hello.

Q. To reintroduce myself, I'm Corey Gordon, and

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I -- I represent 3M in a multi-district litigation involving claims over the 3M Bair Hugger warming device.

A. Uh-huh.

Q. I'm here to ask you questions about some of the work you -- you did in connection with that. First of all, let's -- have you ever had your deposition taken before?

A. No.

Q. Okay. Just some ground rules that will make everything smoother. You can see the court reporter is using the machine to take down everything I say, everything you say. Your testimony is sworn, it's as if you are in court. So you need to -- I need to wait until you're done with your answers, you need to wait until I'm done with my questions, in order for her to be able to transcribe what is being communicated. You need to give verbal answers, a yes or a no or whatever, rather than a uh-huh or huh-uh or a shake of the head that would ordinarily communicate if we were just talking to each other.

So it's -- there's a little --

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A. I understand.

Q. -- a little bit of formality.

And it's just -- I can tell you, it's human nature to start an answer before a question is finished or start a question before an answer is finished. I'll try my best not to, and we may have to back up occasionally to make sure that only one person is talking at a time.

Because this is as if you are in court, there's no judge here, as you can see, but from time to time either side may make objections, if I ask a question and they make an objection, same thing when they ask you questions.

You're not represented by an attorney; is that correct?

A. Correct.

Q. So nobody -- nobody here is representing you, nobody here can instruct you not to answer a question, so objections are for the record. And even if there's an objection, go ahead and answer the question unless an objection is made and the asking attorney decides to

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withdraw or -- or change the question. But just -- you know, it's an unusual procedure, I'm sure, for people who don't experience it regularly.

MR. B. GORDON: And if I could interject, Corey.

MR. C. GORDON: Sure.

MR. B. GORDON: Since this is your first time, Mark, there is an exception for privileged information, which is a legal issue, which we may or may not get into here. And if that happens, we'll talk about it. But if there's information that may be legally privileged that you don't have to answer then we may have to take that up with the court.

BY MR. C. GORDON:

Q. Let's start with your -- your background. Where did you go to high school?

A. Chaska, Minnesota.

Q. When did you graduate?

A. 1998.

Q. And did you go on to post high school education right away?

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A. Yeah, I went to Madison, Wisconsin.

Q. So how long were you a Cheesehead?

A. Never.

Q. Good answer.

A. But I was a Badger -- that's right, I was a Badger for four-and-a-half years, did a mechanical engineering degree.

Q. So you got that in 2002?

A. Give -- thereabouts. I think it was the January of '03, '02 flip-over, so...

Q. So that's a BSE?

A. Yeah, it's a bachelor of science.

Q. Are you -- did you ever become a professional engineer?

A. I did not.

Q. Okay. So after you got your mechanical engineering degree, did you go on for any additional postgraduate work?

A. I did later on in life. I started work first.

Q. Okay. Let's finish with the education and then we'll circle back --

A. Sure.

Q. -- to the work stuff.

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What -- what postgraduate work have you done?

A. So I did an MBA at the University of Minnesota Carlson School of Management.

Q. When -- what period of time were you a student there?

A. That was probably '07 to 2010, thereabouts, I think. I'd have to look carefully. I think on the resume that I provided it would have the exact dates for that.

Q. Okay. So I just kind of want to get a quick overview. So you have -- you have an MBA from the U of M?

A. I do.

Q. Did that involve any kind of specialization?

A. Yeah, statistics specialization and market research. And I also have another graduate degree in statistics.

Q. And when did you get that?

A. Following the MBA. So it was kind of joint work with the two. So from 2010 on to 2012 I would say, I think it was, 2011, somewhere in there, 2012 to 2011, I completed my master's of statistics from the School of Statistics.

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Q. At the U of M?

A. Yes.

Q. So now you're a Gopher?

A. Yeah, well, it's hard to cheer for anything, but -- sports are...

Q. Okay. So you have a master's of statistics, a master's of business administration --

A. I do.

Q. -- and a BS in mechanical engineering?

A. Yup.

Q. Any other degrees --

A. Nope.

Q. -- that I missed? Okay.

Let's go back now and sort of summarize your work history.

A. Uh-huh.

Q. Did you work while you were in college?

A. Just internships. So I had a couple at Arizant Healthcare, which you guys own. Not you, but 3M.

Q. 3M wouldn't have owned it at the time, right?

A. No, no.

Q. Okay. And so we'll -- we'll get some details on that. But then anything else that you did

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while you were in college?

A. That relates to this, I don't know. I ran sailboat races during the summers, it was a part-time job too on Lake Minnetonka, had a one year internship at Entegris, which used to be Fluoroware, so that's like a semi-conductor company, and that was it.

Q. Okay. And then after you graduated from the University of Wisconsin what was your first full-time job?

A. It was as a research and development engineer at Arizant Healthcare.

Q. Was that essentially immediately after graduation?

A. Yeah.

Q. So starting in two thousand -- early -- early 2003?

A. Yeah, that sounds right.

Q. And at that point was Scott Augustine still involved in the company?

A. Yeah.

Q. He was a CEO?

A. Yeah, he would have been.

Q. How long have you known Scott Augustine?

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- 1 A. I only knew him from the internship on.
 2 Q. How had you gotten connected with Arizant for
 3 the internship?
 4 A. Sure. My dad was -- shared a dorm with him
 5 in college. And they weren't close or
 6 anything, he just saw this guy in the paper
 7 that he used to know and said hey, if you're
 8 looking for internships, why don't you throw
 9 a resume in there and see if you get an
 10 internship. So I was given a tour of the
 11 company by Scott, and that was about it for a
 12 while of seeing him.
 13 Q. And your internship, was that in the research
 14 and development area?
 15 A. Yes, it was.
 16 Q. Okay. So you -- you started in 2003 as a
 17 full-time employee. What was your title?
 18 A. Research and development engineer.
 19 Q. Okay. And how long did you work in that
 20 capacity for Arizant?
 21 A. It was two-and-a-half years probably. I'd
 22 have to figure out the exact dates. It was
 23 two to three years, somewhere in there.
 24 Q. And was -- did Scott Augustine remain the CEO
 25

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- 1 the entire time you were there?
 2 A. No.
 3 Q. Approximately what time did Dr. Augustine
 4 leave Arizant?
 5 A. It would have been a little over a year
 6 before I took off, so I was only there for
 7 maybe a year and a half while he was CEO,
 8 year, year and a half.
 9 Q. And then how long were you there when -- how
 10 long were you part of Arizant when
 11 Dr. Augustine was no longer part of Arizant?
 12 A. I think a little over a year, maybe a year
 13 and a half. So somewhere in the two- to
 14 three-year range all that stuff happened
 15 before I switched jobs and went to work for
 16 him.
 17 Q. Okay. And you stayed at Arizant in the --
 18 after Dr. Augustine left in the same
 19 capacity?
 20 A. Yup.
 21 Q. Okay.
 22 A. Yup.
 23 Q. When you left Arizant, what was your next
 24 employment?
 25

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- 1 A. It was at Augustine Biomedical & Design, so
 2 that was with Scott Augustine.
 3 Q. And how did it -- how did it come to pass
 4 that you went from Arizant to working for
 5 Augustine Biomedical?
 6 A. I sought him out. He was recruiting
 7 engineers once his noncompete was up in terms
 8 of working with people from the company, so
 9 we had some discussions and it seemed like a
 10 fit.
 11 Q. So when did you start at Augustine
 12 Biomedical?
 13 A. I would have to look at dates on a resume if
 14 you have one. I think I provided one. But
 15 it would have been, I don't know, let's see
 16 here, 2002 -- '05, '06, somewhere in there, I
 17 believe.
 18 Q. And what was your first position?
 19 A. It was an engineer.
 20 Q. In research and development?
 21 MR. B. GORDON: And, Mark, you
 22 don't have to guess on things. If at any
 23 point you need to see a document to answer a
 24 question, just let us know.
 25

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- 1 THE WITNESS: Yeah, I think I
 2 provided a resume as part of the documents.
 3 Do you have that handy? Because I think it
 4 would be a lot easier for me to go through
 5 that way.
 6 BY MR. C. GORDON:
 7 Q. We can pull a copy. And I'm not looking for
 8 precision.
 9 A. Okay.
 10 Q. But I'll --
 11 A. That's fine.
 12 Q. But in fairness to you, when we take a break
 13 I'll get a copy it --
 14 A. Okay.
 15 Q. -- and you can make the record precise.
 16 But -- so I'm just now trying to get a
 17 general 50,000 foot overview.
 18 So you worked in R&D at Augustine
 19 Biomedical for how -- roughly how long a
 20 period of time?
 21 A. At Augustine Biomedical, I think two years,
 22 and I did a little bit of marketing product
 23 management for them for a while. That was
 24 still kind of -- it's a blended job. It's a
 25

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startup. You wear a lot of hats, right, and so I transitioned from an R&D engineer to a product marketer for a while as I was doing my MBA. And then as I got through the MBA and realized that the clinical research was a little more in line with what I wanted, I switched over and did their clinical research studies as I completed out my graduate degree in statistics. So it kind of lined up with where I was at in school how things went.

Q. So you were still an employee of Augustine Biomedical when you were attending the University of Minnesota?

A. Yes.

Q. For both the Carlson School of Business MBA and the master's of statistics?

A. Yes.

Q. And so when you were -- when you were at the U of M as a student, were you a full-time employee of Augustine Biomedical?

A. Three-quarter time. I was listed as full-time, but they were allowing me to attend school full-time, so you kind of do two jobs. It's life.

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Q. Okay. And you were doing clinical research for Augustine Biomedical --

A. Yup.

Q. -- during that period of time?

A. I was. A blend of clinical and engineering research, we'll call it. It was kind of 50/50 if you think about what's in the studies.

Q. When you first started Augustine Biomedical, what products, if any, were already developed?

A. There were a number of ideas that were thought of, but there wasn't a lot that was developed at that time.

Q. So you were essentially on the ground floor of the product development?

A. I was. I was not allowed to work on anything that was patient-warming related though for several years, because I had a noncompete with 3M. So I had worked on an allergy relief pillow for that period of time and also some catheterization-type ideas.

Q. Is this the pillow that has a --

A. Yeah.

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Q. -- airflow of Hepa air over it?

A. Yeah, that's the one.

Q. Is that on the market?

A. You know, I don't think it ever got out.

Q. Okay.

A. It was kind of a pilot test and it never went.

Q. Dr. Gauthier mentioned it and --

A. Yeah, it's --

Q. -- I was kind of curious.

A. It was a great idea, but like a lot of great ideas, you know.

Q. So do you recall roughly what the period of your noncompete was with Arizant?

A. One year.

Q. Okay. So after that one year did you start working on any patient-warming devices?

A. It was longer than that. I was off on that allergy pillow piece not really doing much with the patient warming for several years.

Q. And what was your first involvement in -- in patient warming?

A. You know, it's hard to recall, but it was probably some stuff in the areas -- we were

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using a heating fabric for a cannulization product that was related to patient warming, so I did some technology development with that, but it wasn't directly aimed at that. So that may have been the first thing that maybe crossed over, I don't know.

Q. Did there ever come a point in time when you did engineering research and development-type work as opposed to clinical research or marketing for HotDog, the HotDog product?

MR. B. GORDON: Object to the form.

THE WITNESS: No, I don't think I explicitly did that.

BY MR. C. GORDON:

Q. Did there ever come a point in time where you did any work of any kind in connection with the HotDog product?

A. Yeah. Yeah, the clinical research piece is directly related to that.

Q. Okay. And I guess what I'm -- obviously, we're going to talk about --

A. Sure.

Q. -- the clinical research for the bulk of

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this, but I'm just trying to understand if you had any other work activities involving HotDog before you started doing clinical research?

A. You know, it's hard to exactly remember, because the blend-over was kind of gradual and we used some technologies in different products that related. So, yeah, there was a little bit, I'm sure, of engineering advice, guidance, design that happened on things that were put into the HotDog at some point.

Q. Let me --

A. If you have specifics I can --

Q. Well, I'm going to -- I'm going to -- I'm going to see if this helps narrow the time frame a little bit.

(Whereupon, Exhibit 1 was marked for identification.)

BY MR. C. GORDON:

Q. I'll show you what's been now marked as Albrecht Exhibit 1.

A. This is a clinical research document.

Q. Yeah. And -- and the reason I -- I -- I picked this one is because it's -- the date

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on it is -- is September 14th, 2007, and that's the earliest document I've seen with your -- with your involvement --

A. Uh-huh.

Q. -- clear on its face, and I'm just -- and just looking at this I'm wondering if this -- this gives you any time frame as to yeah, okay, this is about when I would have started being involved in clinical research with the HotDog product or if there might have been stuff prior to this?

A. Yeah, maybe. I mean, the things with some of these documents, the dates on them too sometimes are off, because we use file reports that we just pull from other ones and put text in. So, like, I'm looking at the date on this and I'm thinking, you know, that might be right, '07, but it might have been a little bit later too. And so it's kind of ridiculous how that works, but you take a template and you smack stuff into it.

Q. Okay. And -- and Exhibit 1 is a report for -- from certain work -- research activities that were done at the

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Regina Surgery Center --

A. Yup.

Q. -- in Hastings?

A. Yup.

Q. Do you recall doing work there?

A. Uh-huh. So that date --

Q. This is one of those examples you have to say yes or no.

A. Yes, I did do work there.

Q. It's -- it's stilted, and I apologize for it.

So -- and this is what I'm -- I

guess what I hope seeing if it jogs your memory. Was the Regina Surgery Center, was that the first site that you recall doing work, research work in connection with the HotDog?

A. Yes, I think so. Yes.

Q. And I -- and I -- I don't mean to misrepresent it. I don't think this was actually specifically HotDog research, but research in the patient-warming area, clinical research?

A. I'll say yes.

Q. Okay. The -- now, there's a -- there's a

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reference here in that very first paragraph under, "Test Objective," to, "Test protocol 2007-044." Do you see that?

A. Uh-huh.

Q. That's obviously not -- well, I shouldn't say that. Strike that.

Is -- do you have access yourself to test protocol 2007-044?

A. These are all company property, so no.

Q. Is that a document that you would expect to -- to still exist at the Augustine Biomedical & Design Company?

MR. B. GORDON: Objection; calls for speculation.

THE WITNESS: Let me read through this carefully, if you don't mind.

MR. C. GORDON: Please do.

THE WITNESS: If I have a little bit of time --

MR. C. GORDON: Absolutely. I'm going to ask you some questions about it, so that's a good idea.

THE WITNESS: (Reviews document.) Yeah, I would expect that protocol to exist

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at the company, yes, 2007-044.

MR. C. GORDON: Okay.

THE WITNESS: And so I would

imagine that the date on that would be before the date on this, one would think.

BY MR. C. GORDON:

Q. Would you have -- do you recall having any input or involvement in the development of the -- of the protocol that was implemented in this particular test?

A. I would have to see the protocol to know. This is a while back in time.

Q. Sure. Do you -- did you actually go to the Regina Surgery Center in Hastings?

A. Yes.

Q. And you did some testing in their operating rooms, right?

A. Uh-huh. Yes.

Q. Was that the first time you had done any testing in actual operating rooms?

A. I believe so.

Q. And we'll -- we'll get into the details, but would it be a gross but fair characterization that there were two areas of testing, one was

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the ambient OR air and the HVAC system at the hospital, and the other was the Bair Hugger warming units that were there?

A. Yes.

Q. Okay. What -- what was the genesis of this research? How did -- how did this come to pass?

A. Why were we investigating operating theater airflows?

Q. Yes, start with that.

A. Sure. Physicians had mentioned through feedback channels that came into the company that they'd feel warm air flowing around the operating theater and they wanted, and orthopedics particularly, and I can't remember any of the names, because this is just general feedback that kind of filters in, were a little concerned because they care a lot about their laminar ventilating flow fields. And so the question was how does this stuff work and, you know, where -- we wanted to get an understanding of ventilation systems and how any hot air might be interacting with them based on that feedback.

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Q. So this was prompted more by your -- and by "your" I mean Augustine Biomedical's interests, as opposed to the hospital asking for -- for particular inspection or -- or analysis?

MR. B. GORDON: Object to form.

By the way, I may object from time to time. It's just for the record. You can go ahead and answer unless someone says otherwise.

THE WITNESS: No, this was following physician feedback and just investigating if something was there.

BY MR. C. GORDON:

Q. So one of the things you did was to measure actual airflow from the -- the HVAC system; is that correct?

A. Correct.

Q. Was -- do you recall, was the surgery center in Hastings, was that a laminar system?

A. I do not believe that one was. I'm unsure though.

Q. Do you know why Hastings was selected for your work?

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A. We had physician contacts there that we could access the operating rooms through and the hospital staff was willing to work with us.

Q. Was this one that Dr. Gauthier was the primary contact?

A. He had put us in touch with the hospital administration.

Q. Okay.

A. So he was involved in facilitating it, yes.

Q. So one of the things you did was to use an optical particle counter to count, measure the number of particles in the -- in the air in the operating room; is that correct?

A. Yes.

Q. And you also did some bacterial culturing to see if there were colony-forming units or CFUs of bacteria in the ambient air; is that correct?

A. Yes.

Q. And do you recall that one of the -- you found that there was a problem with the Hastings HVAC system?

A. Yes. Uh-huh.

Q. Why don't you tell me what the problem was

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that you found out.

A. I believe that their plenums, the filter was pushed out and not operating correctly.

Q. And some day this may be played back to a jury and there may be one or two people who don't know what a plenum is, or me too. Could you explain what a plenum is?

A. I believe there was a leak in their filtration system where it was bypassing the filter is what the cause was identified as their engineering group.

What we did is we presented to them the results that here are the counts and their engineering team went in there and did a remedial action. I don't recall exactly what it was that the design flow was, and it might be written down in the report. If you have that handy I would like to see it and I can further elaborate on what it is.

Q. I may. Help me out here.
(Whereupon, Exhibit 2 was marked for identification.)

BY MR. C. GORDON:

Q. I'll give you what's marked as Exhibit 2 --

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A. Okay.

Q. -- titled as, "Hastings Ventilation Assessment." And I'm not -- I'm not representing that this is the report from Exhibit 1, but you tell me, basically.

A. I don't have my name on this.

MR. B. GORDON: So that's the question, is this the report?

MR. C. GORDON: Yeah.

BY MR. C. GORDON:

Q. Is this -- is Exhibit 2 the report that would have been generated from the research that's referenced in Exhibit 1?

A. Let's take a look through here.
(Reviews document.)

I believe this was the report that we had provided them to identify the problem upon which they took action.

Q. Okay.

A. So I think the source data for this report did likely come from this.

Q. And so the record is clear, the source data in Exhibit 1 is what the Exhibit 2 was based on?

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A. To the best of my knowledge.

Q. Okay. So Exhibit 1 would not have been provided to Hastings, that was an internal document?

A. Yes.

Q. Okay. Going back to Exhibit 1, let's -- I want to talk about the measurements that were performed on the convective-warming units. First of all, when it refers to convective-warming units, that -- those are Bair Hugger units, right?

A. We'd have to look at the list of units sampled, but I believe they all were.
(Reviews document.) Yes.

Q. Generally, you've done a number of research projects and studies involving Bair Hugger, correct?

A. Uh-huh. Yes.

Q. Have you -- as you sit here today, can you recall any research projects that involved other forced-air warming devices other than the Bair Hugger unit?

A. I believe in Europe we did look at some of the filter flow blowers. I do not recall if

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they ever made it into the studies.

Q. Okay. In terms of the -- well, strike that.
You -- what you did in Hastings, you did similar things in other hospitals in the United States, correct?

A. Yes.

Q. And in those other hospitals in the United States, if you looked at a forced-air warming device, it was always the Bair Hugger, right?

A. I believe so, yes.

Q. Okay. Going back to Exhibit 1 now, so you -- it looks -- you did four things in looking at the -- the Bair Hugger units. The first would be you did optical particle counting by -- and counting particles that were coming --

A. Yes.

Q. -- out of the airstream, correct?

A. Yes.

Q. Number two, you -- you did what's referred to as swabbing and plating, where you took swabs from the outside of the intake filter and inside the hose and then those swabs were

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then cultured out on -- on plates to see if they had bacteria, right?

A. Correct.

Q. And then you did a -- something referred to as liquid extraction and plating where the hose of the Bair Hugger was rinsed with a sterile liquid and then that liquid, with whatever it mobilized from inside the hose, was cultured to see if there were any bacteria, correct?

A. Correct.

Q. And finally you did --

A. I want to stop. On three, I didn't do that necessarily.

Q. Okay.

A. Pace Analytical ran those results.

Q. Pace Analytical did the actual culturing; is that right?

A. Well, we brought a technician on-site too to do a lot of the liquid extraction.

Q. Okay. So liquid -- the actual liquid extraction itself was done by Pace?

A. On a number of the studies, I believe.

Q. How about the swabbing, who did that?

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A. On the studies -- I believe Pace did it on the studies. I'm trying to recall, but I did bring one of their technicians on-site to do those activities.

Q. Okay. And whatever was taken out of the -- with the swabs or the rinse, that was analyzed then off-site on -- in Pace's --

A. Yes.

Q. -- laboratories?

A. Yes.

Q. And then Augustine Biomedical would have gotten some sort of written report from Pace; is that correct?

A. Yeah.

Q. And the fourth thing you did with Bair Hugger units in Exhibit 1 was impaction sampling of the airstream of the Bair Hugger, right?

A. Uh-huh. Yup.

Q. Could you explain what impaction sampling was?

A. Yeah. We rented a device that takes an airflow that it brings into it and it fires it into a gel medium to see if there's any airborne bacterium and the idea is that it's

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designed in such a way that it captures those on the agar plate with a reasonable efficiency.

Q. So you were looking for particles coming out, that were being blown out of the Bair Hugger --

A. Uh-huh.

Q. -- right --

A. Yes.

Q. -- that was the particle counting?

But with the impaction counting you were looking to see if there were any actual bacteria that were being blown out of the Bair Hugger?

A. Correct.

Q. And the other, the swabbing and the liquid extraction, that was to see if there was any bacteria inside the Bair Hugger?

A. Resident, yes.

Q. Resident bacteria, okay.

And if you would turn to page 4 of Exhibit 1, that reflects the -- there are two tables there, but the top table, table 2, that reflects the -- the results from the

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impaction --

A. You're looking at page 5? I'm sorry.

Q. I think it's page 4 of 11.

A. Page 5 of 12, 4 of 12.

Q. Maybe we're looking at the wrong thing. I may have the wrong copy.

MR. ASSAAD: I have 12 as well.

MR. B. GORDON: Yeah, same here. Do you have a different version?

MR. C. GORDON: Apparently I do. May I see your version?

THE WITNESS: (Hands document.)

MR. C. GORDON: Oh, yeah, something is different here. That's weird, the text looks the same, but for some reason it's different pagination.

MR. ASSAAD: What's the Bates number that you're looking at?

MR. C. GORDON: 000157.

MR. ASSAAD: Just 157?

MR. B. GORDON: 77?

MR. C. GORDON: Through 1588. The page I want to talk about now is 1581.

Thank you for calling that page --

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THE WITNESS: Sure.

MR. C. GORDON: -- discrepancy to my attention.

BY MR. C. GORDON:

Q. So the table -- it still says table 2, right?

A. Yes.

Q. And those are the -- that -- that table 2 there is the -- reflects the results of the impaction testing from what was actually coming out of the Bair Hugger, right?

A. Yes.

Q. And in describing the impaction results -- first of all, who -- strike that.

Who actually authored the -- the -- the text that's in here?

A. Well, my name is on it, so it's probably myself.

Q. Okay. So in describing what's shown in table 2, you -- you said, "Little or no growth occurred on the agar plates"; is that correct?

A. In this situation it appears that way. There are standards you can reference for what they allow for impaction, I believe. It's been a

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while since I've looked at the standards for the European ventilation tests. Most of these tests come from European sources.

Q. Why is that?

A. Because the NHS, they have stricter guidelines on their operating construction and testing there, I believe, than here.

Q. So when you say the NHS, you're talking about the National Health Service in the United Kingdom?

A. I believe so.

Q. Okay. So and in -- were the impaction -- was the impaction testing that you did on the -- the Bair Hugger airstream, was that an attempt to find out if the -- the air coming out of the Bair Hugger would -- would comply with NHS standards?

A. I don't believe there are NHS standards for convective-warming equipment, but we were just observing what would be there. This is one of the earlier studies and we were unsure as what would even be found.

Q. And -- so, basically, to -- to kind of put it in simplistic terms, you're looking at three

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things with respect to the Bair Hugger, particles that were coming out of it, bugs that were resident inside of it, and bugs that were coming out of it?

MR. B. GORDON: Object to form.

BY MR. C. GORDON:

Q. Is that accurate?

A. We were assessing filtration efficiency and that dealt with particles on the in and out stream, because that's very important in case there are resident airborne microbes that could be sucked in and delivered through.

We were looking to see if there were resident bacteria in the Bair Hugger or anything pathogenic. And we were interested in whether or not those were on the surfaces or whether we could detect them in the airflow.

Q. Okay. And, basically, you couldn't detect them in the airflow, correct?

A. In this study I don't see high counts, so, yes, it looks like they were -- well, we did have one or two counts, it looks like, but the control also had a count.

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Q. Okay. So there were -- it looks like there were three Bair Huggers sampled?

A. Yup.

Q. Tell me what the -- the different sampling things mean there. There are -- for example, on the first one there's three actives and then there's a control. What's -- what do those mean?

A. So one would be sampling the air out of the Bair Hugger three times, and then the control I think would be an ambient sample of the operating theater air.

Q. Okay.

A. And I'd have to read carefully if you want a very precise answer.

Q. Actually, I do on this, yeah.

A. All right. (Reviews document.)

Okay. Go ahead and reask me the question.

Q. I'm just trying to understand the different counting lines. For example, in the first one for the Bair Hugger 505 CW 19808, the first line says, "Active," and under, "Sample start time," it says, "Zero," in brackets,

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"Seconds," and then there's a, "CFU/Volume Sample" --

A. Yup.

Q. -- and that's 1. What is the -- and then on the next -- the next line under that it's -- under, "Sample start time," it's 1,276 --

A. Yup.

Q. -- but the impaction volume is --

A. Less.

Q. -- 625 versus a thousand. I'm trying to understand what -- what's the difference between the sample start time of zero and then 1,276 seconds, and then the next one is 2,103.

A. Yeah. So it's kind of coming back to me. It's been a while since we've done this. There's an argument of when you do impaction, how much air do you sample, what dries out the plates type of thing. So there's some guidance on how much you should be pushing into the agar plates. And so I believe in this case we tried -- it looks like it was varied in some kind of order. We tried three different levels of impaction sampling

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different air amounts, so we sampled a thousand liters, 625, 250.

The sample start time, I believe that was just a value that was put in there to correlate with the particle counting to help join the tables in the information that's presented.

Q. So it doesn't -- the zero -- zero start time, that isn't when you -- the machine was first switched on, or is it?

A. The pump itself. The convective-warming unit may have been running ahead of time.

So there's -- this is a complicated apparatus, so it's got a huge, like, compressor, right, to draw the air through the impaction plate, and that gets turned on and off, the agar plate is positioned into it and that has got to be switched out, you know, a couple of times. And then how long you leave the apparatus on as you're blowing air into it, that is what this timer is related to, I believe.

Q. Let's take a detour for a minute, because I -- I'm not understanding this machine.

ALBRECHT

An agar plate, you know, in layman's terms, it's kind of like just, basically, a Petri dish that's got some gucky stuff in it --

A. Yes.

Q. -- that collects whatever is blown into it or poured into it or placed in it?

MR. B. GORDON: Object to form.

THE WITNESS: A Petri dish, if left out in just a room or whatever, would settle into it. That's not necessarily the airborne contaminants that are always -- it's not an efficient way of sampling.

BY MR. C. GORDON:

Q. So in -- in -- one way of seeing what's coming out of the Bair Hugger hose would be to just hold it over an agar plate and blow -- blow air right into the agar plate, right?

MR. B. GORDON: Object to form.

THE WITNESS: One could do that.

BY MR. C. GORDON:

Q. That's -- apparently, that's not what this is?

ALBRECHT

A. No, it's a more scientific method.

Q. All right. So that's -- can you explain to me how that works, because I was thinking it was more just blowing it right onto an agar plate.

A. Sure. So the setup, the actual interesting piece of it, it's this aluminum hockey-puck-looking disk that an agar plate goes into, and on top of it there's a grid. And this grid has small holes drilled into it and you apply a vacuum to that to get the air moving very fast.

And the idea is if particles are trapped in a fast-moving airstream and you turn it, the momentum of the particle will carry it into the agar dish. So it's an efficient means sampling airborne particles, whether you want to get that to impact on a plate or bacterium to impact on a plate, different things like that, you can capture it with higher efficiency than just setting out a dish.

Q. Does the suction or the vacuum on the apparatus create a pressure differential

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between the -- the airstream as it's coming out and the apparatus for the agar plate?

A. Yes. It samples air at a certain rate. I would have to look at what it draws through, but they are calibrated when this pump is running in the device that it'll pull in a given amount of air volume to sample. And so you've got a hose blowing out a much greater supply of air than what this device is designed to pull in, so it's sampling a fraction of the air that's coming out of the convective-warming unit.

Q. And it's basically sucking out whatever portion of that air it's sampling, right?

A. It's pulling the air in, and once it has it captured in the device, then it accelerates it very quickly through those little pinholes we talked about. And then as the air turns out of the agar, it lets it deposit things more efficiently into the agar than just simply setting a plate out in the room.

Q. And what's the significance of the different impaction volumes, why -- why would you get -- why would you want to use a thousand

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or 625 or 250?

A. There's some suggestion that it can dry out the agar dish. There's some other suggestion --

Q. If it's too high?

A. If there's too long of a jet put going on, yes. If you run too much air through, it can dry it out. These airstreams are also very damaging to what they're collecting, because they're high velocity, so they have been known at times to rip the bacteria apart. And so even though you're collecting things, they may not survive, and so it's to limit the balance of that.

Q. So was this the same apparatus, then, that was used for the operating room HVAC ventilation results? I think it's --

A. Do you have the test protocol 2007-044?

Q. No, I don't. I'd like to.

A. Okay. Because the complete description of that should be provided there.

Q. Yeah, I agree.

A. Because this alone by itself is somewhat incomplete.

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Q. Okay. If you flip ahead, like, five pages to -- I guess is it 9 of 11, where it says, "OR HVAC ventilation results"?

A. I've got 9 of 12. Yes.

Q. Nine of 12, I'm sorry.

And there it looks like there were five different measurements in the OR itself?

A. There's four different operating theaters that were measured.

Q. Oh, four different operating theaters. Okay.

A. There were two measurements in one of the rooms, it looks like.

Q. Okay. And in each case, was it the same apparatus that was used? That's what I'm asking.

A. Yes.

Q. Okay. So in each of these cases, each of these five measurements, the impaction volume was a thousand liters?

A. Yes.

Q. And it looks like -- so in the first three operating rooms --

A. They were at rest.

Q. They were -- the laminar -- or the --

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whatever the HVAC system was, it wasn't turned on?

A. There were no personnel in the room.

Q. Okay.

A. So at rest refers to no occupants in the room.

Q. So in that -- the first three rooms, that apparatus with the agar plates got no bacteria, right?

A. Correct.

Q. But in operating room 4 there were two different measurements, one was at the center of the operating room table, and there were 19 bacterial colony-forming units measured; is that right?

A. Yes. And that is in an operating room under working conditions with personnel moving around.

Q. Oh, okay.

A. So it's not at rest. So that's the difference between --

Q. I see.

A. -- 1 through 3 and 4.

Q. Did you -- do you recall if you did tests of

ALBRECHT

1, 2, 3 -- 1, 2 and 3 where -- with working personnel?

A. We did not. Those were tested at rest and we intentionally chose a room with people working to see if there -- if this equipment was sensitive.

Q. And if -- when you say they were working, were they -- were these real surgeries that were going on or just people moving in and out?

A. We may have had the staff perform a mock surgery, I'm guessing. I need to look carefully here to answer that.

Q. Okay.

A. (Reviews document.) So the detail is operating room 4 was sampled as a working room with two occupants moving about. From my memory, I'm unsure if I had asked the surgical staff to do that or if I had some of the personnel there who were gowned up similarly walking around, I'm unsure.

Q. So having two people moving within operating room 4 when you took the same measure -- same type of measurements, in one case there were

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19 bacteria colony-forming units on the table, and in the other measurement 12 inches from the ceiling where the air was -- would be -- clean air was coming in; is that right?

A. Yes.

Q. There were five colony-forming units?

A. Correct.

Q. Was the Bair -- was there a Bair Hugger on during these measurements?

A. No.

Q. Okay. These are measurements of a -- of a -- of an OR with its ventilation system -- I'm sorry, was the ventilation system on?

A. Yes.

Q. Okay. And just two people moving -- moving around inside the OR, and you got 19 CFUs and 5 CFUs respectively?

A. In a turbulent ventilation system, which this is called out as, yes.

Q. Okay. And turbulent is different from laminar?

A. Very much so.

Q. I'm trying -- so help me correlate here. You also did particle sampling. Was that done at

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the same time as the -- the impaction sampling?

A. So if I recall correctly, this is five years ago, once again, or more, so your memory isn't always a hundred percent, we had a fitment design that I think sampled both at the same time. So we had an apparatus that would hook to the edge of the Bair Hugger, a hose or the convective-warming unit, and then a sample for particles was drawn concurrently with the impaction sample.

Q. Okay. How about in the OR when you -- if you look to --

A. These were all tested in the OR.

Q. I'm talking about the OR air, I'm sorry.

If you look at the table of page 10 of 12, table 8, it looks like particle counts in those same four operating rooms.

A. So this is prior particle counts, if you read the table subscript in table 8.

Q. What does prior mean in this context?

A. So we were there two times to that site, once with the ventilation system where it had an issue and then once after it was corrected.

ALBRECHT

Q. So table 7, would that have been the first time or the second time?

A. Second time, I believe.

Q. So table 7 reflects after the problem with the ventilation system was corrected?

A. To the best of my knowledge, yes.

Q. Okay. So is table 5 the one that would show the particle counts in the OR -- ORs that correspond to table -- the impaction results, table 7?

A. I would -- yes, I would conclude that.

Q. So in operating room 1, for example, there are four different measurements, three of them a little bit higher than 22,000, and one of them 19,500; is that right?

A. Correct.

Q. And those were particles greater than .3 microns, right?

A. Yup. Yes.

Q. And -- but particles greater than .5 microns in operating 1, those were generally around a thousand?

A. Yes.

Q. Basically, the difference between the

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point -- the particles greater than .3 microns was about roughly 20 times as many as the particles greater than .5 microns?

A. Yes.

MR. B. GORDON: Object to form.

BY MR. C. GORDON:

Q. And in operating room 1, at least, particles greater than 5 -- 5 microns, three of the four measurements were 0, but one of them was 60; is that right?

A. Correct.

Q. So there -- why -- why did you do different -- the measurements of particles at greater than .3, greater than .5 and greater than 5?

A. That's all simultaneously reported by the device. So this is its native output. So the sampler, the laser -- laser air particle counter, it measures a count of these things simultaneously. This is the raw data output.

Q. What are the sizes of -- of bacteria?

MR. B. GORDON: Object to form.

THE WITNESS: It depends. They come in many ranges.

ALBRECHT

BY MR. C. GORDON:

Q. Well, what's the smallest bacteria that you are aware of?

A. In some of the research studies we highlight that very carefully, and so I'd like to point to one of those documents. If you'd like to pull some of those out I can -- I'm aware of them, though, I believe, and I'll have to check because it's been a while, .5 microns is a size that can be a bacteria.

Q. Okay. Does that look like one of the ones that might have that information, (indicating)?

A. Possibly.

Q. Or -- well, that would be my best guess.

MR. B. GORDON: Well, if he needs studies to answer a question --

THE WITNESS: I do.

MR. B. GORDON: -- just give them to him.

MR. C. GORDON: No, no, I just want to give him the right one.

MR. B. GORDON: Maybe he can pick from your stack.

ALBRECHT

THE WITNESS: I have a reference for that and I'd rather not speculate.

MR. C. GORDON: Sure.

BY MR. C. GORDON:

Q. In operating 4, operating room 4 on table 5, it looks like all the particle counts in the --

MR. B. GORDON: So before -- are you withdrawing that question, the prior question?

MR. C. GORDON: Yeah, we'll get the copies of the study and get back to that.

MR. B. GORDON: It was just hanging out there, I just want to be sure it's not on the table.

MR. C. GORDON: Yeah, I withdraw it if there's anything out there.

BY MR. C. GORDON:

Q. In the particle counts in operating 4, for the particles greater than .3 microns, the -- the four -- the five different measurements look like they're roughly about 25 percent less than the particle counts in operating room 1; is that right?

ALBRECHT

A. That's what the data suggests, yes.

Q. And, similarly, in the particle counts greater than .5, they're somewhere between roughly half and 80 percent of the particle counts in that same range for operating room 1; is that right?

A. Can you please repeat?

Q. The -- in the column for the greater than .5 microns, the particle counts in operating room 4 are about somewhere between 50 and 80 percent of the particle counts for that size range in operating room 1, right?

A. Fifty to 80 percent?

MR. B. GORDON: Objection to form, mischaracterizes the table.

THE WITNESS: I'm not exactly following, if you could phrase one more time.

BY MR. C. GORDON:

Q. Rather than quantifying them, would you agree that the -- that the particle counts you measured in operating room 4 were less than the particle counts in operating room 1?

A. The average of that, yes, but there is some dispersion to the data that overlaps. So if

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you look, you can see, for example, at .5 microns there's a count of 1,080, and that is above the range of the minimum that was measured in operating room 1 of 820.

So I'm not sure that they're -- what differences might exist looking at the spread of the data.

Q. Yeah. And as a statistician, you're going to -- you're going to be more concerned with the -- the spread of the data rather than just the raw numbers?

A. Correct.

Q. Okay. So just looking at this, you can't say whether these counts demonstrate that operating room 4 had more or less particle counts in the .3 and .5 range than operating room 1?

A. In the .3, I think it would. In the .5, I'm unsure.

Q. Can you -- are you -- are you confident, though, that .4 -- that the operating room 4 in the .5 micron range, if you were to do the proper statistical analysis, wouldn't have more particles than operating room 1?

ALBRECHT

A. No, it would not.

Q. Okay. But if we go to the ventilation results, table 7 on page 9, the -- for the impaction, in operating room 1, which had at least as many particles, if not more than operating room 4, you got no bacteria. But in operating room 4 you counted 19 colony-forming units in one case and 5 colony-forming units in the other; is that right?

A. Let me make sure that operating room 4 was measured at the same time. So in looking at these tables, these particle counts in table 5 may have been taken at a different time than the impaction results, if there's a working condition listed. Sorry, let me look through here. These are very complicated to look at.

Q. I'll stipulate to that.

A. (Reviews document.) Concurrent with impaction. Okay. So for the convective-warming units it was done concurrent, but I don't know about the operating theater.

ALBRECHT

MR. ASSAAD: Corey, are you looking at -- just I know we're on the same page, you're looking at page 9 of 12?

MR. C. GORDON: For the CFU -- yeah, table 7.

MR. ASSAAD: For the CFU? Okay.

THE WITNESS: (Reviews document.)

MR. B. GORDON: While he's looking, I'm going to just put an objection on the record to the form in that the question is conflating particle counts in one table and colony-forming units in another table. I don't know if there's -- what the correlation is, but it seems --

MR. C. GORDON: Well, I'll stipulate that there isn't any. Do you want to stipulate to that?

MR. B. GORDON: Well, I object to the form of the question then, because I think it's a complex, confusing question and conflates two different data points. I'm not sure it can be answered, but...

THE WITNESS: So this was measured at rest near the ceiling.

ALBRECHT

BY MR. C. GORDON:

Q. Which -- which was measured at rest?

A. So these particle counts of the operating room ventilation system in table 5 were measured up inches from the plenum at the top of the ceiling in four locations.

Q. Okay.

A. This is when the room was at rest. At a very different time this impaction was done --

Q. Okay.

A. -- in the operating theaters, so these do not line up. Because if it's at rest, we can't be in there measuring the particles, because we'd be disturbing the field.

So how the experiment went, now that I've kind of got my head around this, it takes a long time, sorry, it's been seven years, you know --

Q. Honestly, that's partly why we're spending a lot of time on this one, because I thought it would get you back familiar with that, because I've got some other ones like this that --

A. Okay. So I will rehash what's here then just

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so we're very clear.

So in table 5, this was all done at rest, and it followed a sampling pattern where you go to the ceiling of the room, and you're just below 7 foot 6, right above the floor, right, so you're 6 inches below four of the diffuser panels, and you measure each of them.

And the point of this is to make sure you know the air quality coming into the room. Now, these are done at rest, no one is in the room except for the technician with the particle counter over their head, so there shouldn't be any introduction of contaminants from a person's skin or things like that.

Now, here when we did the impaction to sample for airborne colony-forming units, these are rooms at rest. We're not in there sampling particles at that time for 1, 2 and 3, we're out outside the room, we turn it on, we go kind of from the edge of the door and, you know, shut the door and don't let anybody go in there while it runs.

ALBRECHT

Q. Is the HVAC system on though?

A. It's always on.

Q. Okay.

A. They never turn those off.

In operating room 4, this was at a different time when the particles were counted, okay? So this was, like, maybe hours before. And people were in there for a mock surgery and we wanted to see if the device would detect colony-forming units in the air should there be personnel activity.

I'm sorry it took me a while to get this organized.

Q. And -- and -- and let me see if I understand. Hastings was -- was, as I understand it, an unusual situation where you discovered a -- a problem with the HVAC system?

A. We did.

Q. Was it -- do you recall that the Hepa filter was upside down?

A. No, it doesn't work like that, I don't believe.

Q. Okay.

A. It would be busted out of the frame that

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houses it so air could bypass, would be my guess what the problem was that they fixed.

Q. And looking at table 8, which you pointed out was the prior particle -- particle counts, it looks like --

A. Up by the top of the ceiling, yes.

Q. Right. Those -- and it looks like those were done on July 24th, 2007?

A. That looks correct.

Q. So those particle counts were over half a million each for the .3 --

A. Yes.

Q. -- as compared -- as compared to the -- you know, to those in the --

A. The proper level.

Q. -- the 20,000 range?

A. Yes.

Q. So there's a huge difference, right?

A. Yes.

Q. And so the table 5 represents a properly functioning ventilation system?

A. Properly functioning turbulent ventilation system.

Q. Okay. And with this properly functioning

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turbulent ventilation system, it's in the .3 micron range, each one of these ORs is putting out 10 to 20,000 particles every place that it's measured, right?

A. Yes, and the supplier and the ceiling coming in, correct.

Q. And -- and is that what you would expect in a properly functioning turbulent system?

A. There are guidelines on what's considered acceptable on European standards, and I believe this was within the limits for a turbulent system.

Q. Okay. So with a properly functioning turbulent system and thousands of particles being emitted from the -- the -- the HVAC system into the room, when you introduce -- when nobody is in the room, you can't -- you didn't culture out any bugs?

A. Correct.

Q. But when two people were in the room moving around, then you were able to culture out 19 CFUs in one case and 5 CFUs is in the other case?

A. Correct. Different kinds of particles are

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likely in the air.

Q. Okay. So did it surprise you that, you know, with -- with -- with operating rooms 1 and 3 having tens of thousands of particles being emitted, you couldn't culture out any bugs?

MR. B. GORDON: Objection to form, conflating particles and bugs again, but...

THE WITNESS: So to answer that, a large amount of the particles are going to be atmospheric dust that come in and so the -- it is not exactly surprising, because atmospheric dust is not bacteria always, it's not, it's just particles that are in the air.

BY MR. C. GORDON:

Q. And -- and to Mr. Ben Gordon's objection, particles don't correlate to bacteria, correct?

A. Correct.

MR. B. GORDON: Object to form.

BY MR. C. GORDON:

Q. And in, you know, kind of in lay terms, if we -- if somebody looks at a window on a very bright, sunny day and you see a bunch of stuff in the air, if you close the shades

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that stuff seems to disappear, it's not that that stuff is really disappearing, it's just that there's particles in the air that -- that are not ordinarily visible to the naked eye, right?

MR. B. GORDON: Object to form.

I'm not sure what the question is.

THE WITNESS: Yes, there are particles that you cannot see with your eye.

BY MR. C. GORDON:

Q. And even in a clean surgical environment with a properly functioning turbulent system, there are going to be thousands of particles, right?

MR. B. GORDON: Object to form.

THE WITNESS: I would expect atmospheric dust to be present, yes.

BY MR. C. GORDON:

Q. So let's talk about the particles that you counted in the Bair Hugger. In this -- in the tests you did at Regina Hospital in Hastings, is that table 1, page 4 of 12?

A. Yes.

Q. And so the -- the measurements here are --

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well, one of the things that these measurements were attempting to do was to determine filtration efficiency, correct?

A. Correct.

Q. So there's particles before the filter and particles coming out after the filter, right?

A. Correct.

Q. And then it's just a numerator and denominator to develop a percentage of efficiency, right?

A. Yes.

Q. Okay.

A. With a non-quantitative challenge. This is not how you'd properly rate the filter. They have other studies that pertain to that.

Q. Okay. In this -- in the case of what you're measuring at -- at the Regina Hospital, you were -- just as you did in the OR, you measured particles greater than .3 microns, greater than .5 microns, and 5 -- greater than 5 microns, right?

A. Yes.

Q. I should say greater than or equal to --

A. Yup.

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Q. And in -- in -- in each case the measurement of the point -- of the greater than or equal to .3 microns was higher than the greater than or equal to .5 microns, right?

A. Correct.

Q. And I guess we can use the average. It was -- the average particles counted of the greater than .3 microns was about roughly five times as many as the greater than .5 microns, right?

A. It depends on the measurement.

Q. I'm just looking at the average.

MR. B. GORDON: You're talking about the average of all the experiments or just the top one?

MR. C. GORDON: You know, that's a good point. I actually don't understand what the difference is.

BY MR. C. GORDON:

Q. At the bottom of this table it says, "Average counts with fitment concurrent particle counting and impaction," and then there's another line that says, "Average particle counts" -- "average counts particle counter

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only held in distal hose end." What -- what do those two different things mean?

A. Sure. Let me look here. (Reviews document.)

So we did a control measurement just to make sure the impaction equipment wasn't causing any additional particles, and so we ran one where we concurrently sampled the air particles along with doing impaction, and we did a subsequent test where we just hand -- held the rod device in the airflow stream.

Q. And what did you determine in terms of what you were trying to find out whether the equipment was having any affect on the measurement?

A. It appears that it wasn't, looking at the spread of the data.

Q. Well, help me out here. For the point -- the greater than or equal to .3 micron particles, it looks like the -- the two numbers are pretty close. But in the point -- greater than or equal to .5 numbers, it looks like one of them is an order -- roughly an order of magnitude higher than the other.

A. On the average it is. But I'm looking,

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again, at the spread of the data.

Q. Okay.

A. Let me look at this. (Reviews document.)

Q. And -- and help -- help me out with the spread, because if --

A. No, I'm assessing it right now.

Q. Oh, okay.

A. Just give me a second to look.

Q. Absolutely.

A. (Reviews document.) There's a really large range to what we're seeing here. So in some of the experiments with the impaction, the counts around 20, 21, and other ones I see it as high as 700, and so I'm not sure what the process that's generating that, but it doesn't follow -- follow any kind of like the normal statistical patterns. You shouldn't be able to have counts bouncing around that much if it's the same thing over and over. So I'm unsure of any conclusion I can make on that.

Q. Kind of a Heisenberg uncertainty principle of particle measurements?

A. It's not that. It's -- maybe there's slight

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changes in the experimental setup, maybe there's something different with what's going on in the room, you just don't know.

Again, these studies were not designed to detect statistical differences necessarily on this set of them. This doesn't have, like, a sampling plan or anything in place that's a stat plan, other ones do.

Q. You did that, yeah, we'll get to -- that was done later.

So, basically, you were just looking to see are there any particles coming out and, you know, what -- in the -- in the -- in the three different size ranges?

A. Correct.

Q. And that's what you looked at in the OR ventilation system as well, right?

A. You do, but the source of particles are anticipated to be a little different. You know, the OR ventilation system is filtering out largely atmospheric dust as it comes from the outside.

The operating room has a very

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different particle source that would be pulled into these units and put through, and that is -- a lot of the dust matter that you find in the actual operating theater after the atmospheric stuff has been cleaned relates to shed skin cells.

So the sources of the dust that the filters are acting on is different and so it's hard to draw conclusions and draw parallels between atmospheric dust when one system is intended to filter that out and skin cells and another system that's kind of pointed at a different kind of dust that it's assuming would be in the environment.

Q. Okay. Did -- so you -- you found that there were particles of various sizes, various counts coming out of the Bair Hugger?

A. We did.

Q. But you really didn't find much in the way of bacteria coming out?

A. We did not.

MR. B. GORDON: Object to the form.

MR. C. GORDON: Okay.

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BY MR. C. GORDON:

Q. Did that surprise you?

A. No. We were unsure what we were looking for. We had no prior assumptions on what we should even expect.

Q. So --

A. What surprised me was the operating theater counts that we saw here that they needed to do a corrective action.

Q. Sure.

A. That was the surprising finding.

Q. So on this, which was probably the first study you did on Bair Huggers, you found particle emissions, but not much in the way of bacteria, virtually no bacteria?

A. In this study the counts were not elevated.

Q. Okay. With all that -- well, let me -- let me just actually -- actually ask you, Exhibit 2, the Hastings ventilation assessment, I'm -- I'm wondering about that second line. It says, "To get conclusive data, we analyzed three interrelated areas, the operating room's ventilation system air quality, the Bair Hugger unit's quality, and

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the presence of microbes within the Bair Hugger units."

MR. B. GORDON: You left out the word "air."

MR. C. GORDON: Thank you.

BY MR. C. GORDON:

Q. Do you want me to -- I'm just calling your attention to that sentence. I can read it again if you want, but it's -- it's the three things that are being referenced there, the air -- air quality from the OR ventilation system, the Bair Hugger unit's air quality, and microbes inside -- within the -- or microbes within the Bair Hugger unit, right?

A. Yes.

Q. But, actually, you looked at four things, right, when you -- when you did the study, you -- you looked at the operating room ventilation air quality, you looked at the Bair Hugger air quality, you looked at the presence of microbes within the Bair Hugger, and you looked at the presence of microbes coming out of the Bair Hugger in its airstream, right?

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A. So I'm unsure if this report was prior to this that you see here. This could have been generated off a different set of data that wasn't formally published. I'm trying to understand the order of events in my head as this relates to this. I know this test data spurred us to take action with them. And we obviously couldn't have had the final result until -- let me look through this one more time. (Reviews document.)

Q. And in fairness, you weren't certain that Exhibit 2 was -- was the report that emerged from Exhibit 1, so...

A. I'm unsure.

Q. And we'll leave it at that for now. (Whereupon, Exhibit 3 was marked for identification.)

BY MR. C. GORDON:

Q. We'll show you what's been marked as Exhibit 3. And I'm going to ask you several questions about this, so if you want to take the time to review it, that's fine.

A. (Reviews document.) Okay.

Q. Okay. This Exhibit 3 is a document dated

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October 12th, 2007, and compiles results from three different hospitals, including the Regina Surgery Center in Hastings that we just spent some time looking at, right?

A. Uh-huh.

Q. Yes?

A. Yes, yes.

Q. And the -- the results we've gone over from the -- the Regina Surgery Center, those are contained in Exhibit 3, correct?

A. I see elements of them there, yes.

Q. Okay. And in addition, there are two other hospitals, the DC Hospital in Alexandria and the St. Cloud Hospital in St. Cloud?

A. Correct.

Q. Now, if you would turn to page 7 of 9 -- I'm sorry -- well, yeah, 7 of 9.

A. Table 4?

Q. Say again?

A. Table 4?

Q. Yes, table 4. This is the -- this table shows the number of colony-forming units that you -- you cultured out from each -- each of the Bair Huggers from these three hospitals

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using swabbing and liquid extraction, correct?

A. Correct, the internal surfaces, yes.

Q. The internal surfaces of the -- it looks like three different Bair Huggers at each of the hospitals; is that right?

A. Correct.

Q. And in -- in all but three of the measurements you found somewhere between 1 and greater than 300 CFUs, right?

A. It looks like 0 is one that was found too, so between 0 and greater than 300.

Q. Well, am I reading this right that there were -- at the Bair Hugger ones at -- at the Regina -- the Hastings hospital, the CFUs from the swabbing and extraction from the internal surfaces from those three Bair Hugger range from 1 to 7 -- 1 to 8 colony-forming units?

A. Correct.

Q. And at Alexandria one of the swabs had 0 --

A. Correct.

Q. -- but all of the other measurements ranged from 2 to 102?

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A. Correct.

Q. And at St. Cloud Hospital, it looks like two of the measurements, one a swab of one and one a liquid extraction of another Bair Hugger, had 0, but the others ranged from 1 to greater than 300?

A. Correct.

Q. So that -- those are the internal surfaces, right?

A. Correct.

Q. And then table -- I guess it's table 3 on page 5.

A. Okay.

Q. Those were the particle counts that you measured for those same Bair Hugger units, right?

A. Let me just make sure the numbers line up here. (Reviews document.) So Regina 14,503. That looks correct.

Q. And, you know, for example, the particles that are greater than .3 microns, it looks like the lowest number is 148 and --

MR. B. GORDON: Which hospital are you talking about or are you talking about

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all of them?

MR. C. GORDON: All three of them.
BY MR. C. GORDON:

Q. The lowest number --

A. St. Cloud Hospital, yes.

Q. -- is 148 and then there's --

A. Coming out, yup, of the distal hose.

Q. And then the -- okay. You know what, I -- let me ask you: When it says filter intake, what is that? What are you measuring there?

A. Sure. So the convective-warming unit has an intake filter that's housed in the bottom end and it draws air in through that, it goes through a blower and a heater mechanism and it passes out through a hose, right, to the convective-warming blanket.

So when we say the intake, we are holding the particle counter -- when we're away from the unit, but we have something to position it on, we're taking counts of what's going in from the ambient outside air into the front of the filter.

And then the distal hose end is after it's passed through everything within

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the system.

Q. So what -- what -- the -- the -- the numbers for the filter intake, that's not what -- what's actually coming out of the Bair Hugger, it's what's going into the Bair Hugger --

A. Correct.

Q. -- essentially?

So the measurements of what was -- the particles that were coming out of the -- these Bair Huggers would range from a low of 148 to --

A. Some of these had elevated counts coming out.

Q. Yeah, like there's 29,340, am I reading that right, is that a --

A. Yeah, that looks correct.

Q. Okay.

A. There's a lot of variation as you look across.

Q. If we turn to page 7 of 9, table 4 --

A. Okay.

Q. I'm sorry, wrong one. Table 5 --

A. Okay.

Q. -- page 8 of 9, that's the -- these tables

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represent the measurements of the actual bacteria coming out of the -- of the Bair Hugger, all nine of these Bair Huggers, right?

A. Correct.

Q. And as with the -- just what we looked at with Regina, same thing at the Alexandria and St. Cloud Hospitals, these Bair Huggers were not omitting any bacteria?

A. Again, there's no standard to compare that to, but the counts are not elevated.

Q. Okay. Well, in the case of St. Cloud --

A. There were none.

Q. There were absolutely zero, right?

A. Correct.

Q. And in the case of the Regina hospital, at sample start time 0, and an impaction volume of 1 -- of 1,000, there was 1 in two of them and --

A. Correct.

Q. -- 0 in the third -- in the third one and, then the other two measurements for each of the -- I'm sorry --

A. We also had a control that had a fail, do you

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see that? I do want to point that out just to be --

Q. I just caught that. So there's only two measurements, two active measurements. And in one of the Bair Huggers, both active measurements were 0, one of the -- in the two of the -- the other two, one of the two active measurements was 0 and the other two were 1 each at impaction volume of 1,000, right?

A. Correct.

Q. So in all three of these hospitals, Hastings, Alexandria and St. Cloud, you did four basic measurements, you measured the particles coming out of the HVAC system --

A. Correct.

Q. -- you measured the particles coming out of the Bair Hugger, and the -- and the related filtration efficiency, particles in, particles out?

A. Yeah, we measured it at two points, correct.

Q. You measured or you investigated whether there were bacteria colony-forming units on internal surfaces of the Bair Hugger?

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A. Correct.

Q. And you measured whether there were actual bacteria, CFUs coming out of the Bair Hugger in its airstream?

A. Correct.

Q. And with respect to the Bair Hugger, forget what -- put aside what you did with the ORs, those three areas of measurement, particle passthrough, internal surface bacteria, and bacteria in the airstream, did you -- is there any -- any other time that you did all three of those types of studies of the Bair Hugger other than these three hospitals?

A. I'm unsure. It's been a while. We may have additional data sources where we did more studies like that. Do you have any documents that could help jog my memory on that?

Q. Well, I'll go the other way.

A. Okay.

Q. You did publish some research --

A. Correct.

Q. -- that you did involving Bair Huggers, right?

A. Yes.

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Q. And some of the research you did looked at filtration efficiency, particles going in, particles going out, right?

A. Yeah, and it was not this data for the efficiency measures, yes.

Q. I understand. But that was one of the measurements that you published on --

A. Correct.

Q. -- particles?

A. I was a coauthor on a paper that was involved in that, yes.

Q. And one of the things you published on was bacterial CFUs that you were able to swab or rinse out of the internal surfaces of the Bair Hugger, right?

A. Correct.

Q. But you've never published anything about the presence or absence of bacteria in the actual airstream of the Bair Hugger, right?

A. I'm unsure. I'd have to look through our body of publications to confirm that.

Q. And as you sit here today, Mr. Albrecht, do you recall of any discussions after you had done these -- done these studies and gotten

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these results where somebody suggested, you know, let's not look at the actual bacteria coming out of the Bair Hugger anymore?

MR. B. GORDON: Object to form, lack of foundation, calls for speculation.

THE WITNESS: I'm unsure. There may be discussions that were had. My memory -- it's a long time ago, I'm not sure. If you have something to help me pinpoint something, I'd be happy to discuss it.

BY MR. C. GORDON:

Q. Well, you were -- when you were doing the -- the studies on the Bair Hugger, that was at a -- that was at a time when Augustine Biomedical & Design was launching and trying to sell its -- its warming device in the marketplace, right?

MR. B. GORDON: Objection to form, vague as to time what studies you're referring to.

BY MR. C. GORDON:

Q. All the studies you've done on Bair Hugger.

A. Yes --

Q. I'm -- that's a good point. All the studies

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you've done on Bair Hugger when you were employed by Augustine Biomedical & Design, not when you were at Arizant.

A. There was a market launch and there was a product on the market at the time these studies were done, yes.

Q. And that product was HotDog, right?

A. Correct.

Q. Which is a competitive product to the Bair Hugger, right?

A. Correct.

Q. And any research that you might have done that raised any kind of questions about the -- either the safety or the efficacy of the Bair Hugger, that kind of research would have the potential to help out HotDog sales, wouldn't it?

MR. B. GORDON: Objection to form.

THE WITNESS: It's a promotional tool as to sales, yes.

BY MR. C. GORDON:

Q. And, certainly, you're aware that

Augustine Biomedical and Dr. Augustine has promoted the HotDog as a safer alternative to

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the Bair Hugger, correct?

MR. B. GORDON: Object to form.

THE WITNESS: Yes.

BY MR. C. GORDON:

Q. And one of the arguments that has been advanced by Augustine Biomedical and Dr. Augustine as to why the HotDog is safer than the Bair Hugger, is because the Bair Hugger emits a lot of particles --

MR. B. GORDON: Object to form.

BY MR. C. GORDON:

Q. -- and that doesn't -- there's no -- nothing that can emit particles from the HotDog system, right?

MR. B. GORDON: Object to form.

THE WITNESS: If you could show me the marketing research you're referring to for that or the advertisement, I'd feel free to comment, but that's kind of an open-ended statement.

BY MR. C. GORDON:

Q. So just as a general proposition, as you sit here today, you can't remember any kind of marketing activities undertaken by

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Augustine Biomedical or Dr. Augustine that suggested that the particles coming out of the Bair Hugger made it less safe than a HotDog?

MR. B. GORDON: Objection to form, asked and answered.

THE WITNESS: There was marketing. There was a campaign that was out there, yes.

BY MR. C. GORDON:

Q. And do you -- do you similarly recall that one of the arguments advanced for why the HotDog was safer than the Bair Hugger, or is safer than the Bair Hugger, is because the Bair Hugger had -- is a reservoir of bacteria that can be cultured out of the internal surfaces?

MR. B. GORDON: Objection to form.

THE WITNESS: Those are not my words, that -- that's marketing.

BY MR. C. GORDON:

Q. And I'm not suggesting they're your words, I'm just asking if you --

A. I'm aware of an ad campaign called Blowing Air Is Risky that was out there.

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Q. And that Blowing Air Is Risky campaign, based on, in part at least, on research that you did, argued that Bair Huggers blow out a lot of particles and have a lot of bacteria inside them, right?

MR. B. GORDON: Object to the form, mischaracterizes the evidence.

THE WITNESS: I would need to see the specific statement that you'd like me to comment on, if you have something.

BY MR. C. GORDON:

Q. Are you aware of any marketing material or any statement that's ever come out of Augustine --

A. I am, Blowing Air Is Risky, but I'd like to see the numbers you're looking at.

Q. Let me finish. Are you aware of any statement from Augustine Biomedical or Dr. Augustine that ever said, We did some internal studies, and even though there are bacteria inside the unit, even though particles blow out of it, we weren't able to culture any bugs actually coming out of the Bair Hugger?

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MR. B. GORDON: Objection to form, argumentative, calls for speculation.

THE WITNESS: I'm not sure.

BY MR. C. GORDON:

Q. Well, would you agree that disclosing that even though there's particles being emitted and even though there are bacteria inside the unit, it doesn't blow out any bacteria that would tend -- that information would tend to make any claim that the Bair Hugger is unsafe, less potent?

MR. B. GORDON: Objection to form, misstates the record.

THE WITNESS: There are multiple vectors of how hot air in the operating theater affects contaminant flow, and particles out of the unit are one source of probable issue. The other one is the disruption of the ventilation system and how that affects the movement of skin cells around the operating theater.

And so I -- if I'm going to be honest with you, there's a couple of different facets to this. It's a very

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complicated problem.

BY MR. C. GORDON:

Q. And -- and we're going to -- we're going to talk --

A. Okay.

Q. -- we're going to talk about the convection --

A. Okay.

Q. -- currents and the thermal stuff.

A. All right.

Q. But would -- would -- would -- would you agree that research that shows there's a lot of bacteria in the Bair Hugger and a lot of particles being blown out, if that's all you know, the implication is that bacteria are being blown out of the Bair Hugger?

MR. B. GORDON: Object to form.

THE WITNESS: I think some of the marketing materials, I'm not sure what exact claims were made, may have mentioned lines like that.

BY MR. C. GORDON:

Q. I'm not even asking if anything was -- was explicitly said. I'm just saying if -- if

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those are the only two pieces of information that you provide to somebody, bugs inside, lots of particles blowing out, wouldn't you think that most people would think, well, then there's probably bacteria being blown out too?

A. I don't know. That's speculation on my part to make any answer to that.

Q. Sure. Other than these three internal studies that you never published that actually looked at bugs being blown out --

A. Okay.

Q. -- of the Bair Hugger, and you found basically none --

MR. B. GORDON: Object -- object to the characterization.

THE WITNESS: With the small sample of units we were unable to detect anything.

BY MR. C. GORDON:

Q. Did you ever do a large sample where you tried to detect bugs coming out of the Bair Hugger?

A. I would like to review the research studies

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so I can see what sources. There's a couple of them that would help me remember what we did. So there's an American Journal of Infection Control article that I think would be helpful if I could look through that.

Q. Sure.

MR. B. GORDON: And he's asked for those a couple of times, Corey.

MR. C. GORDON: Yeah. We'll -- we'll -- we'll take a break and we'll -- we'll put all your --

MS. ZIMMERMAN: Counsel --

MR. C. GORDON: -- your published studies on the record.

MR. B. GORDON: We'll give them to him on the break. We've got to take a break.

MR. C. GORDON: My timing is perfect.

THE VIDEOGRAPHER: We're going off the record at 11:11 a.m.

(Whereupon, a brief recess was taken.)

THE VIDEOGRAPHER: This is video number 2 in the deposition of Mark Albrecht.

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Today is October 7th, 2016. We're going back on the record at 11:42 a.m.

(Whereupon, Exhibit 4, Exhibit 5, Exhibit 6, Exhibit 7, Exhibit 8 and Exhibit 9 was marked for identification.)

BY MR. C. GORDON:

Q. Mr. Albrecht, I've given you several exhibits, and I just want to go through them for the record. Exhibit 4 is a 2009 article, Forced Air Warming: A Source of Airborne Contamination in the Operating Room, by Albrecht, Gauthier and Leaper, correct?

A. Correct.

Q. Exhibit 5 is a 2013 article, Forced-Air Warming Design: Evaluation of Intake Filtration, Internal Microbial Buildup, and Airborne Contamination Emissions, by Reed, Kimberger -- Kimberger, McGovern and Albrecht, correct?

A. Correct.

Q. Exhibit 6 is a 2011 publication, Forced-Air Warming Blowers: An Evaluation of Filtration Adequacy and Airborne Contamination Emissions

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in the operating room, by Albrecht, Gauthier, Belani, Litchy and Leaper, correct?

A. Yup. Correct.

Q. And number -- Exhibit 7 is a 2013 publication, Patient Warming, Excess Heat, the Effects on Operating -- Orthopedic Operating Room Ventilation Performance, by Belani, Albrecht, McGovern, Reed and Nachtsheim, correct?

A. Correct.

Q. Number 8 is a 2011 publication, Forced-Air Warming and Ultra-clean Ventilation Do Not Mix, An Investigation of Theater Ventilation in Patient Warming and Joint Replacement Infection in Orthopaedics, by McGovern, Albrecht, Belani, Nachtsheim, Partington, Carluke, and Reed, correct?

A. Correct.

Q. And Exhibit 9 is a 2012 publication, Effect of Forced-Air Warming on the Performance of Operating Theater Laminar Flow Ventilation, by Dasari, Albrecht and Harper, correct?

A. Correct.

Q. The -- so you are a coauthor on all six of

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these studies, published studies from Exhibits 4 through 9, correct?

A. Correct.

Q. Are there any other published studies of which -- on which you appear as a coauthor that in any way involve the Bair Hugger specifically or forced-air warming generally other than these six?

A. I don't think so, but I would have to do a literature search to make sure.

Q. Okay. How would you go about doing that literature search?

A. We'd have to go through PubMed and look through for the articles and see what comes up. I could also look on a resume if we had one handy.

Q. That's right, my -- I promised you a resume.

A. I think they're complete on there, but you never know.

Q. No, and -- and -- and we want to be complete, that's fair.

I want to see if we can kind of create baskets to put these different studies in. One basket would be a study that

1 ALBRECHT
2 actually looks at infection rates.
3 A. Okay.
4 Q. Am I correct that the only study that has
5 that as a component is Exhibit 8?
6 MR. B. GORDON: I'll object to the
7 form as being overbroad. It might take him
8 time to know for sure.
9 MR. C. GORDON: No, I want him to
10 take the time.
11 THE WITNESS: (Reviews document.)
12 Yeah, so this study does have observational
13 infection data. That's not a properly
14 controlled trial.
15 This does not, (indicating).
16 (Reviews documents.)
17 MR. B. GORDON: I don't think our
18 feed is updating. Okay, it is. I'm sorry.
19 We're good.
20 THE WITNESS: That's not,
21 (indicating).
22 This one shouldn't, (indicating).
23 That is the only one, yes.
24 MR. C. GORDON: Okay.
25 BY MR. C. GORDON:

1 ALBRECHT
2 Q. So we'll call that an infection rate basket,
3 if you will.
4 And then some of these studies
5 address issues related to the -- the impact
6 that the Bair Hugger may have on operating
7 room airflow.
8 A. Yes.
9 Q. Okay.
10 A. They do.
11 Q. So I'll -- I'll call that, just for
12 shorthand, my airflow basket.
13 A. Sure.
14 Q. And Exhibit 8, which has an infection rate
15 component to it, also has an airflow
16 component to it, correct?
17 A. Yes, it does.
18 Q. And Exhibit 9 --
19 A. Yup.
20 Q. -- would be an airflow study, right?
21 A. I agree.
22 Q. And Exhibit 7 would be an airflow study,
23 right?
24 A. Yes.
25 Q. And then the third basket, I'll actually use

1 ALBRECHT
2 your phrase, the crud and bug.
3 A. Is that my phrase?
4 Q. Do you remember using that phrase?
5 A. I don't know. Maybe I did.
6 Q. Okay.
7 MR. B. GORDON: I don't remember
8 that.
9 THE WITNESS: I think that's
10 Scott Augustine's phrase.
11 MR. B. GORDON: Did I step out or
12 something like that? Accordingly, I object
13 to the form of that question.
14 MR. C. GORDON: I'm sorry.
15 MR. B. GORDON: I object to the
16 form of the "crud and bug" to the extent
17 it --
18 MR. C. GORDON: Well, if he
19 doesn't remember --
20 MR. B. GORDON: --
21 mischaracterizes his testimony.
22 THE WITNESS: I may have. Do you
23 have an e-mail with that?
24 MR. C. GORDON: Yeah, but it's no
25 big deal.

1 ALBRECHT
2 BY MR. C. GORDON:
3 Q. Studies that look at the Bair Hugger itself
4 as a potential source of air contamination.
5 A. Okay.
6 Q. Okay?
7 A. Yup.
8 Q. And that would be 4, 5 and 6, right?
9 A. Yup.
10 Q. So the studies that we spent a good portion
11 of the morning looking at in the hospitals in
12 Hastings and Alexandria and St. Cloud,
13 those -- none of those had an infection rate
14 component to it, correct?
15 A. They did not.
16 Q. And none of those had an airflow disruption
17 aspect to it, correct?
18 A. Let me look carefully here.
19 (Reviews documents.)
20 No, these were filtration based.
21 Q. Okay. And the -- let's talk about the
22 filtration-based study, you referred to it as
23 filtration based. There were three basic
24 components to the studies you did at those --
25 those Minnesota hospitals looking at, one,

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particle emissions both in incoming and outgoing and --

A. Correct.

Q. -- calculating filtration efficiency, but still those were particles, right?

A. Yup.

Q. Number two, you looked at internal surface bacteria by swabbing --

A. Correct.

Q. -- and rinsing, right?

A. Yup.

Q. And number 3, you looked at bacteria in the airstream?

A. On some of the units that appear in these studies, not all.

Q. Some of the units at those three hospitals in Minnesota?

A. Yes.

Q. Okay. And in those three Minnesota hospitals you -- you found particle emissions with vary -- varying -- varying efficiency of the filter, you found internal surface contamination in many of the units, right?

A. Correct.

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Q. But you didn't find any bacteria blowing out of the units?

A. When sampled at rest. So these studies of the impaction weren't run with the Bair Hugger in a working operating theater with a lot of skin cell load in the air that could have been pushed in and sucked through, and so we had very inconclusive results with the colony-forming unit counts, because there's a lot of mechanics that have to happen to make that go when it came to the airborne.

Q. Okay. So of the -- the three studies that looked at the Bair Hugger as a possible source, Exhibits 4, 5 and 6, all four of them looked at particle emissions, right?

A. They did.

Q. And filtration efficiency based on particles entering and particles exiting, right?

A. Yup.

Q. All three of these studies looked at internal surface contamination based on swabbing and rinsing, right?

A. Correct.

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Q. But none of them looked at actual bacteria in the airstream, correct?

A. Yes, because these were done -- most of the these studies, the intent was to look at the theaters at rest and see what was in the units, and air sampling results were inconclusive, as you can see here.

For example, the impaction device, you need a working theater to look at colony -- colony-forming units with viable bacteria entering and passing. And so it was a more complicated set up to do the full air impaction study and we would have needed to have some kind of surgical component going on.

Q. Well, do any of these studies involve a simulated surgical activity?

A. These here do, (indicating).

Q. You're talking about 7, 8 and 9?

A. Yup.

Q. But not --

A. Let me look --

Q. -- 4, 5 and 6?

A. Let me look through carefully.

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(Reviews documents.)

I believe this was all at rest testing, yes.

Q. Which ones were at rest testing?

A. Let me look through them all for you. If you want a very specific answer, let me sort for that, please.

Q. Please.

A. (Reviews documents.) This one, (indicating), I believe was all at rest testing.

Q. You're pointing to Exhibit 4?

A. Yup. Let's look at Exhibit 5 here.

(Reviews documents.) This one looks at rest, so that's Exhibit 5. (Reviews documents.) After hours once again, so, yeah. (Reviews documents.) These were all at rest.

Q. And in none of these studies do you reference any research that demonstrated no bugs in the air?

MR. B. GORDON: Object to form.

THE WITNESS: We felt to do that we would need to have some kind of simulated surgery going on and it couldn't be done at rest. We thought instead to look at some of

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the more fundamental engineering components you could measure first, such as the filter, which is easily quantifiable and doesn't have a lot of additional sources to go on, such as bugs being released by people in taking to the stream, things like that that have to happen for the mechanism to occur, so we started with the first engineering principles.

And so, no, we did not present the impaction data in these studies, because we weren't sure to make of it because it was done at rest and it did not have the load component that would make it appropriate.

BY MR. C. GORDON:

Q. Well, the -- the particulate emissions was done at rest too, wasn't it?

A. Yup, and the thinking is a little different on that, that a unit can collect things over time inside of it and we were looking for -- I'm sorry, the filtration piece or the swab piece internally, which would you like to talk about?

Q. Let's go to Exhibit 4.

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A. Okay.

Q. In the second paragraph it says, "We measured the emission of viable and nonviable forms of airborne contamination from an arbitrary selection of FAW blowers in the operating room"; do you see that?

A. Where?

Q. Second paragraph.

A. Okay.

Q. How did you measure the viable emissions?

A. Through means of a particle counter, and inferring if it's of a certain size of particulate, that it could be viable.

Q. You had data from those three hospitals that showed that even when you had particulate emissions of various sizes, a wide range of sizes, you couldn't get any bugs to culture out on a -- on an agar plate, right?

MR. B. GORDON: Object to form.

THE WITNESS: We did get some.

There were colony counts coming out of the units, just low numbers.

BY MR. C. GORDON:

Q. Well, you can't get too much lower than 1,

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right?

A. No, you cannot.

Q. And almost all of the measurements were 0, right?

A. We can look at that statistically, if you'd like.

Q. Well, there were a couple that said -- there were a couple that were 1, and every other one was 0, right, and a control was 1 in one instance, right?

MR. B. GORDON: You're talking about for the hospitals?

MR. C. GORDON: Yup.

THE WITNESS: So we do have that in the table, let's look at that.

BY MR. C. GORDON:

Q. You have that in the table that no one outside of August Biomedical saw, right?

MR. B. GORDON: Object to form, argumentative, move to strike.

MR. C. GORDON: Well, yeah, I'll withdraw that.

BY MR. C. GORDON:

Q. Did anyone ever -- did anyone within the

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Augustine Biomedical ever share the table that showed almost all zeros with anyone outside of Augustine Biomedical?

MR. B. GORDON: Objection to form. It was asked and answered earlier.

THE WITNESS: The coauthors reviewed the data, so David Leaper and Robert Gauthier would have had a chance to look at this. I don't know if they saw that report as part of the body of evidence, or I should say part of the data set.

BY MR. C. GORDON:

Q. Under, "Sampling Procedures," on Exhibit 4, it says, "FAW blowers from hospitals in the vicinity of Minneapolis and St. Paul were sampled after hours," et cetera, et cetera.

Did -- does -- do any -- are any of the data in Exhibit 4 based on any of those three hospitals that we spent the morning looking at, Hastings, St. Cloud and --

MR. B. GORDON: Alexandria.

BY MR. C. GORDON:

Q. -- Alexandria?

A. I believe -- yes, there should be. Let me

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look carefully, but I would imagine.
(Reviews documents.) Let me look at the
methods very carefully. (Reviews documents.)

Yes, I would expect those hospitals
to be a part of this.

Q. So it's your recollection that Dr. Leaper and
Dr. Gauthier both would have had access to
the information that showed that of the three
Bair Hugger units sampled from St. Cloud
Hospital, not a single one cultured out a
single CFU; and the three samples -- or three
Bair Huggers sampled at Alexandria, of the
six measurements, two of the measurements had
one CFU and the other four were zeros; and at
the Regina center, of the three units tested,
there were nine measurements, and one unit
had all zeros, one unit had one -- one CFU on
one measurement and zero CFUs on the other
two, at the same time the control had one CFU
measured; and the third unit had one -- one
CFU measured at the start and two zeros?

MR. B. GORDON: Object to form,
compound, misstates the record.

THE WITNESS: If I recall

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correctly, it was a while ago, we had a
discussion about the impaction results and
felt that the fact that we weren't doing the
operating theater under load makes those
difficult to interpret.

BY MR. C. GORDON:

Q. Is there anywhere in Exhibit 4 where you
alerted the reader to the fact that you had
had these results from the actual attempt to
measure viable airborne contamination?

A. I do not believe so, and we didn't think it
was relevant because it wasn't under load,
but let me look. (Reviews documents.)

No, we do not reference that in the
discussion.

Q. But you had a discussion with your coauthors
about the fact that you had attempted to --
to actually culture out bacteria from the
airstream of the various Bair Huggers that
you sampled and you found little or no growth
occurred on the agar plates?

A. I don't recall if that discussion was
directly had in that manner with the
coauthors. It was a long time ago. I know

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internally we had some discussions in the
company about thinking through this. And the
fact that the OR was at rest versus under
load was our reason for saying, hey, we can't
go this far along in the chain to recording
bacteria, we need to start with some of the
further up fundamentals, such as what's the
quality of the filter, are things building up
inside the unit, what's coming out, and we
were uncertain that this kind of sampling was
reflective of what would happen under normal
operating conditions in the theater.

Q. Could be, maybe it wasn't, right?

MR. B. GORDON: Object to form.

THE WITNESS: I'm uncertain if we
talked about this.

BY MR. C. GORDON:

Q. No, I'm sorry, whether the -- your earlier
measurements where you found little or no
growth in the actual airstream for the
Bair Huggers, you're not -- you're saying you
weren't sure whether that was or was not
representative of what actually occurs in the
operating room?

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MR. B. GORDON: Object to form,
misstates the evidence, asked and answered.

THE WITNESS: Can you ask that in
a different way?

BY MR. C. GORDON:

Q. Well, you said you had a discussion about how
this was not under load so that didn't
necessarily represent what was actually
happening in an OR?

A. We were unsure how to interpret this result,
so we chose to study the things that were
easier to define.

Q. Okay. And you had the -- did you have that
discussion with Scott Augustine?

A. I believe we did at some point.

Q. And when you say the things that are easier
to find, you found particles --

A. Easier to study, not to find.

Q. Easier to study.

A. To quantify.

Q. To quantify.

A. Because this is an operating room at rest,
there are a lot of factors at play that make
it nonrepresentative, so we wanted to

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quantify the things we felt we could in a rest theater.

Q. And one of the things you knew you could quantify was particle emissions from the -- from a Bair Hugger, right?

A. Yes.

Q. And one of the things you knew you could quantify were bacteria inside adhering to the surfaces, right?

A. Correct.

Q. And one of the things you knew you couldn't quantify were actual bugs, bacteria actually coming out of the Bair Hugger?

MR. B. GORDON: Objection to form, misstates his testimony. He said it wasn't under load. He's answered that six times.

THE WITNESS: We're unsure of the proper way to quantify that in the theater at rest that translates to one that would be under load.

BY MR. C. GORDON:

Q. In Exhibit 4 you said you measured emission of viable forms of airborne contamination, but you really didn't measure it, right?

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A. We inferred.

Q. Do you say anywhere in Exhibit 4 that your measurements of the emission of viable airborne contamination was inferred?

A. "Common operating airborne microbes in the .5 to 5 micron science range include unclumped bacteria and fungi. Nonviable sources may have included particles generating from moving components, which can become buoyant airborne carriers of microbes. Additionally, CFUs detected by rinsing were lower than CFUs detected by swabbing." Okay. Let's see here. (Reviews document.)

"The presence of microbes on air passed surfaces in 94 percent of the blowers suggest that a viable component could be present in the emitted contaminants."

MR. B. GORDON: That sounds like an inference to me.

THE WITNESS: And the inference in context is, "Common operating room airborne microbes in the .5 to 5 micron science range include unclumped bacteria and fungi."

BY MR. C. GORDON:

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Q. And you didn't feel it was important to tell the readers of this that you actually had tried to measure the bacteria and found, with the methodology you were using, little or no actual bacterial omissions?

MR. B. GORDON: Object to form, argumentative, misstates the evidence.

THE WITNESS: We decided to scope this research around the pieces that we had complete coverage on and felt that we could more accurately measure.

BY MR. C. GORDON:

Q. And --

THE WITNESS: To do that accurately, we thought we needed something that was not at rest.

BY MR. C. GORDON:

Q. You had seen the data from the operating rooms where there were thousands and thousands of particles being emitted, but none -- none -- no bacteria being cultured, right?

A. Atmospheric particles, which is a different source than what is likely to be resident in

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a Bair Hugger filter that is in the operating theater where there's a large quantity of skin cells.

Q. What's your basis for saying that it's -- that it's different?

A. So the filtration system in a hospital removes a lot of atmospheric contaminants, pollens, things like that that are coming in from the outside. Once that clean air is into the hospital, there's a lot of research suggesting that the bulk of the dust you see in airborne contaminants actually in the theater that the Bair Hugger would be operating are shed skin cells that have fomites on them, you know, bacteria, and so the particle concentration coming out of the two is hard to relate to one another. And the particle counts were much lower out of the Bair Huggers than they were out of the plenum, in a lot of these cases.

Q. What's a fomite?

A. It's an airborne carrier of bacteria, like a floating skin cell.

Q. How big are fomites?

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A. The fomites themselves is large, 20 to 30 microns in size, but they can break off and have bacteria fall from them, they can have airborne bacteria floating around without a fomite, but skin cells tend to be larger.

Q. So you're saying that the little or no bacterial growth that you got when you actually tried to measure what was coming out of the -- the Bair Hugger, that -- that was inconclusive because it wasn't -- there wasn't air --

A. There wasn't a concurrent challenge --

Q. Let me finish my -- there wasn't a concurrent challenge from what was coming from what could be in the operating room?

A. Yes.

Q. But you measured bacteria that was inside the Bair Hugger, right?

A. Yup, that might have been adhered to the surface, yes.

Q. Right. And -- and you found bacteria that had adhered to the surface?

A. Suggesting that bacteria does penetrate the filter and can be flowing through the unit.

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Q. But you couldn't find any?

A. When sampled at rest, we did not find.

Q. Okay. But what's the rationale for doing, in fact, several articles showing bacterial contamination in internal surfaces that could only be dislodged by swabbing or rinsing?

MR. B. GORDON: Objection; asked and answered.

THE WITNESS: They could be dislodged by other factors too.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. Well, if your concern -- if your -- if your theory is that bacteria inside the -- the Bair Hugger could somehow become mobilized and enter the airstream, that would be true whether it's at rest or there's other stuff coming in, right?

MR. B. GORDON: Objection to form, argumentative.

THE WITNESS: It's possible, yes, that is one source.

BY MR. C. GORDON:

Q. Do you think anyone reading this article

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would think, well, gees, if there's bacteria on the inside and there's particles coming out, maybe there's -- those particles contain bacteria?

MR. B. GORDON: Objection; calls for speculation as to what people think.

THE WITNESS: Readers are going to infer what they're going to infer.

BY MR. C. GORDON:

Q. Well, isn't that what you intended them to infer?

A. No.

Q. Your -- the title of this is, "Forced-Air Warming: A Source of Airborne Contamination in the Operating Room?"

A. Yes. There's a large number of particles coming out and we want to pose the question what are they and spur on further research. That's kind of the point of an article like this, is to introduce a topic to get the next phase going.

Q. Is there somewhere where you -- where you say we need to spur on further research and see if what's coming out of the Bair Hugger is

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actually -- actually contains bacteria?

MR. B. GORDON: Objection to form, argumentative.

THE WITNESS: Based on the findings of other authors that have looked at this too, we highlight essentially two components that the filters should be looked at and the internal paths should be able to be decontaminated, those are the major conclusions that are here.

BY MR. C. GORDON:

Q. If there are no bugs actually blowing out of the Bair Hugger --

A. We don't have conclusive data to know that, this isn't enough.

Q. Is there anywhere you suggest that you have inconclusive data on what actually comes out of the Bair Hugger?

A. We specify the particulate distribution coming out and we specify the size of microbes coming out.

Q. But nowhere do you say we also have inconclusive data that suggests that bacteria actually don't come out of the Bair Hugger,

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2 but more research is needed?
3 MR. B. GORDON: Objection to form.
4 He explained that several times about the --
5 THE WITNESS: We did not include
6 that. We did not want to compare what we
7 thought needed to be studied in an active
8 theater to a study that was done at rest.
9 BY MR. C. GORDON:
10 Q. And you did at least two more studies, 5 and
11 6, where you did basically the same thing?
12 MR. B. GORDON: Objection to the
13 characterization.
14 THE WITNESS: No, these were very
15 different.
16 BY MR. C. GORDON:
17 Q. How were they different?
18 MR. B. GORDON: Objection to form,
19 overbroad.
20 THE WITNESS: One of the studies
21 did a quantitative filter rating by an
22 independent lab on what the true efficiency
23 was of the intake filters of two popular
24 Bair Hugger models, the 505 and the 750, and
25 we wanted a formal efficiency rating in

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1 ALBRECHT
2 results really were conclusive and --
3 A. But that's not a fact.
4 Q. I understand. I'm asking you, though, if
5 somebody else were to do what you did
6 inconclusively and demonstrate conclusively
7 that bugs don't come out of the Bair Hugger,
8 the -- the efficiency of the filter is
9 irrelevant, right?
10 MR. B. GORDON: Objection to form,
11 improper hypothetical, calls for speculation.
12 THE WITNESS: So there is an
13 article, Number 21, Avidan, Jones and Ing,
14 Convection Blowers, Not Just Hot Air,
15 published in Anesthesia in 1997 that did find
16 airborne bacteria coming out of the blowers.
17 MR. C. GORDON: Right.
18 BY MR. C. GORDON:
19 Q. They -- they blew the -- they blew the
20 airstream onto agar plates and cultured out
21 some CFUs, correct?
22 A. Correct.
23 Q. Then they put the -- the hose into the
24 blanket, attached it to the blanket as it is
25 supposed to be --

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2 conjunction with looking at what is coming
3 out of these units to better understand how
4 the internal surfaces could be getting
5 contaminated.
6 BY MR. C. GORDON:
7 Q. Filtration efficiency doesn't matter if no
8 bugs get out of the Bair Hugger, right?
9 A. We don't know that.
10 Q. If that were -- if that were the case, if --
11 if bugs don't escape the Bair Hugger, then
12 the filter efficiency doesn't matter, right?
13 MR. B. GORDON: Objection to
14 the --
15 BY MR. C. GORDON:
16 Q. From a -- from a bacteria standpoint. It may
17 matter for protecting the motor, the
18 efficiency of the unit.
19 MR. B. GORDON: Objection to form,
20 mischaracterizes the evidence, calls for
21 speculation.
22 THE WITNESS: Say that clearly one
23 more time.
24 BY MR. C. GORDON:
25 Q. If it were a fact that your inconclusive

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2 A. They did.
3 Q. -- and they got zero, right?
4 A. In a small study in a limited number of
5 units.
6 Q. They got zero, right?
7 A. In that study, yes.
8 Q. Okay. And you got zero?
9 A. No, not true --
10 MR. B. GORDON: Objection to
11 mischaracterization of the evidence, asked
12 and answered.
13 THE WITNESS: -- there were a
14 number of colony-forming units that were
15 detected airborne with the impaction device.
16 BY MR. C. GORDON:
17 Q. In the majority of the -- in almost all of
18 the units there was zero --
19 A. The data states that two out of nine had a
20 colony-forming unit detected -- sorry, two
21 out of three had a colony-forming unit
22 detected in the experiments.
23 Q. And one of those the control also had one
24 colony-forming unit in it, right?
25 A. It did, in one study. I'm just looking

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through this if you want clear answers.

Q. In Exhibit 4 you say, in the third column on the front page just above, "Materials," and, "Methods," "Therefore, in this study we investigated the emission of both viable and nonviable forms of airborne contamination." What did you do to investigate the emission of viable forms of airborne contamination?

A. In this study and what was done here?

Q. Yeah.

A. We used a particle counter and we swabbed the internal surfaces of the unit, and those are the two points of data that comprised the study.

Q. That was your investigation of actual emission of viable -- viable forms of airborne contamination?

A. Yes.

Q. Okay. And this was based, in part, on research where you actually did do something to investigate the emission of viable forms of bacteria, which is to measure CFUs in the airstream?

A. We had an impaction apparatus that we

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measured at rest, yes.

Q. And nowhere is that disclosed in Exhibit 4?

A. I do not see it in the paper, no. We felt it was out of scope.

Q. And nowhere is that mentioned in Exhibit 5 or Exhibit 6?

A. No, it is not mentioned.

Q. So you just -- you did these studies to let the -- let the readers know that, hey, these filters aren't very efficient and that there's bacteria inside the Bair Hugger?

A. That is not my motive for doing the studies, no.

Q. What was your motive?

A. To look at the engineering principles and ask the question is the filter Hepa, what is the filter efficiency, because no one has looked at it, are contaminants inside these units building up, can they be cleaned, is there a way to access those internal surfaces that, you know, are inside the blower and decontaminates them, is there a reason to. So we're looking at items like that to start.

Q. Why? What's the concern?

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A. The concern is that you could have viable contaminants coming out of the unit and we don't have enough evidence to say yes or no on that completely.

Q. But you didn't disclose any of the -- anywhere the inclusive evidence that you had on the only thing that really matters?

MR. B. GORDON: Objection; asked and answered at least three times, maybe four. You know, if you asked every question that you don't like the answer to four times, we'll be here four times as long, Corey. It's not fair.

MR. C. GORDON: Your objection is noted and --

MR. B. GORDON: Well, it's not fair --

MR. C. GORDON: -- I think it violates the --

MR. B. GORDON: You're scowling at him and you're --

MR. C. GORDON: It violates the order for nonspeaking objections.

MR. B. GORDON: -- hostile to him,

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and I don't understand why --

MR. C. GORDON: I'm not scowling.

MR. B. GORDON: -- he's a fact witness.

We're going to get a video camera on you next time. You have been scowling at him.

MR. C. GORDON: Okay.

Strike counsel's comments.

MR. ASSAAD: You have to move to strike. You have to strike it.

MR. C. GORDON: Move to strike counsel's comments.

MR. B. GORDON: Move all you want, just be nice to him and move on.

MR. C. GORDON: And -- and -- and, you know, the rule is one lawyer talks and the rules also prohibit speaking objections.

Could you read my question back from a couple years ago.

(Whereupon, the last question was read by the court reporter.)

MR. B. GORDON: Same objection.

THE WITNESS: We didn't study a

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theater -- the theater we studied was at rest, we felt that that wasn't appropriate to include. We didn't think it was representative of the issue that we're measuring.

BY MR. C. GORDON:

Q. Did you ever suggest to anyone that they conduct a study with a theater not at rest and see if there's actually airborne bacteria coming out of the -- the Bair Hugger?

MR. B. GORDON: Objection; asked and answered several times.

THE WITNESS: We would love other people to do those studies.

BY MR. C. GORDON:

Q. Did you ever suggest it to anyone that they do that kind of a study?

A. In the body of the text here, no.

Q. Any -- any time in your entire life?

A. No, I have not talked to researchers to do that. Instead, we chose to go after the things that were simpler and could be quantified from first principles to kind of start at the bottom of the pyramid; filter,

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filter efficiency, are things passing through the filter before we try and connect all the elements together and say, hey, are there bugs coming out of the airstream.

Q. Did you ever suggest to anyone that they try to connect those things that you looked at to -- to what actually matters, bacteria coming out of the --

A. Yes, we've had lots of discussions. We had them with the orthopedists as we designed these other studies, you know, how do we go about answering the question is there a risk. You know, one vector of contamination is what's coming out of the unit, that's a possible source we have to look at. There are other vectors too that are examined.

Q. We're going to talk about those other vectors. But I -- I -- so did anyone have these discussions --

MR. B. GORDON: Object to the sidebar.

BY MR. C. GORDON:

Q. Did anyone have these discussions that you had these discussions with suggest any kind

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of study or methodology for actually looking at connecting these dots and seeing if any of the bacteria that's -- you're finding inside and the particles that are coming out actually contained bacteria?

A. I'm not sure. We kind of started down the path and we looked at the filter first, and that's what these studies are about, then we looked at the next thing to answer the question is there buildup inside. We wanted to see if that buildup was biological in origin, because there are decontamination issues that are present if you can't clean surfaces. And I don't know if we got to that point before we started chasing other butterflies on this.

Q. Take a look at Exhibit 8.

A. Okay.

Q. That's the -- the one study that you agreed had a component of it that actually looked at infection rates.

A. Observational.

MR. B. GORDON: Object to the characterization by counsel.

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BY MR. C. GORDON:

Q. What do you mean by observational?

A. Well, this isn't a randomized clinical trial that was conducted here. Let me read the point in the discussion I think around that.

MR. B. GORDON: For the record, I want the record to reflect there are highlights in this document that I don't know where they came from, I don't think they're the witness's.

MR. C. GORDON: Yeah, your point is well-taken. Maybe we can -- we'll find a clean copy.

MR. B. GORDON: And, actually, there's some writing in here too, page 1542.

MR. C. GORDON: Yeah, I don't know where that came from but we'll just...

THE WITNESS: Yeah, sorry, I lost my track here. Go ahead and repeat what we're -- so you wanted a comment about the observational versus --

BY MR. C. GORDON:

Q. What -- what -- what do you mean by an observational study? You said it was not a

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randomized clinical trial.

A. Yeah. There wasn't a control group in place at the same time where you give half a device to one group and half to the other in a randomized manner to see if the treatment effect is real. And, in fact, that would be very difficult to do in something like this, because the infection rates are very low, so you need a huge sample size.

This study simply looked at trends over time and infection rates. And the reduction in infection rates shown in the study could be due to the adoption of conductive fabric warming or it could be due to other outside factors.

Q. What other outside factors could have influenced it?

A. Well, it could be anything. Improvement in surgical practices, perhaps. There's an antibiotic switch that was occurring somewhere in the study's period. You could have a different group of physicians operating. These are all uncontrolled things that don't get caught with observational

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research.

Q. There's statistical methodology to at least account for known variables for different periods of time, aren't there?

A. Yeah.

Q. For -- for example, you could do a multivariate analysis, right?

A. And one was performed.

Q. In the paper itself, on table, is that, 11 on page 15 -- no, table -- table Roman Numeral II, page 1542 --

A. Okay.

Q. -- that was a univariate analysis, right?

A. Yes.

Q. And nowhere in the -- the text of the -- the paper do you indicate that the analysis that is performed there is univariate, right?

A. I'm not sure that that distinction matters.

So one at a time versus many at a time variable, it doesn't change the design of the study being observational versus randomized, because that's what you need to make a definitive conclusion.

Q. You could have done a multivariate analysis,

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couldn't you?

A. Not exactly.

Q. Because you didn't have enough information of the variables?

A. Well, to prove what? What would the result be? How would it be different if we did a multivariate analysis?

Q. Are you saying it wouldn't make any difference?

A. It would present a similar picture, I believe.

Q. Did you try a multivariate analysis to --

A. Well, what factor did you need adjustment for? Because that's what multivariate analysis does.

Q. So did you -- let's -- first of all, you did the statistical analysis that's presented in this paper, correct?

A. I did, yes.

Q. Okay. What efforts did you undertake to see if there were other variables that could have influenced the infection rate that you could then account for through a multivariate analysis?

ALBRECHT

A. I asked the coauthors who had the infection data, so McGovern, Reed, from the estates over there, what factors would be important to look at in doing an analysis, and we pretty much followed the standard path you would in a clinical paper for looking at things. You start with a univariate analysis and kind of say, Are effects there. And I'm looking through the research here -- just hold on. Let me reacquaint myself with how we did this. (Reviews documents.)

No, we did -- this is a multivariate analysis, if you look at this. Because if you look at the patient-warming device in table 2 --

Q. Yeah.

A. -- I think we give the odds ratios for the outcome both for knee and hip in the text of the body, which would be in one group versus the other, I believe. Let me look through real carefully. I'm going to have to -- in fact, if you give me a minute to just read this, I can respond a little more clearly to what your questions will be.

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Q. Absolutely.

MR. C. GORDON: What we'll do is we'll take a break and print out clean copies.

THE VIDEOGRAPHER: We're going off the record at 12:34 p.m.

(Whereupon, a brief recess was taken.)

THE VIDEOGRAPHER: This is video number 3 in the deposition of Mark Albrecht. Today is October 7th, 2016. We're going back on the record at 1:02 p.m.

BY MR. C. GORDON:

Q. Before we went off the record we were starting to talk about the Exhibit 8, which was one of your papers and the one that had the observational study component to it --

A. Yup.

Q. -- right?

And I want to focus on the observational component right now --

A. Okay.

Q. -- and talk about the other stuff later.

You -- you obtained the data from

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Dr. Reed, right?

A. The hospital he's at, yes.

Q. Okay. When -- when did you first meet Dr. Reed?

A. I can tell by the papers here what a date would be, but I'm guessing around 2010 would be the first time we met up, something like that, 2009. I wish I could tell you exactly. That stuff is kind of fuzzy for people. I'm not a big date rememberer --

Q. And -- and --

A. You probably figured that out by now.

Q. I'm not looking for precision, just how did -- how you meet him?

A. Well, there's a network of folks that do research in patient warming and people have interest in it, so just kind of ping-pong around here and there and people know each other and he got introduced to us. Maybe it was through Scott Augustine, I believe. That's probably who made the introduction. But I could be wrong, it could have been some other path too. It's kind of one community. Q. Where -- where did you first meet him, in

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England, the U.S.?

A. Probably the U.S. I think -- boy, I'm trying to get the order of events, did I go out there first to meet with him or did he come here. I would guess he probably came here first.

Q. The -- the study that's in Exhibit 8, that's got the two components to it --

A. It does.

Q. -- from the outset was it planned that there would be two components or did it start out as one and the other one was added?

A. That's a great question. As we were kind of embracing the problem and thinking it through wondering what would we need in terms of data that's available and what would we like to assess, this was brought up as something that was of interest, the observational component.

We definite -- definitely planned to look at the airflow characteristics in a laminar theater in some of the higher-performing ones like the UK has, so that was thought of. And I think -- I -- I think Mike Reed brought the infection data to

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the table that he had, some of that available, and he would like to look at that too just to see how it kind of all painted together in a picture.

Q. Did you go over to England for the actual -- the airflow study part of it?

A. Yes.

Q. At -- at that point when you were in England for that part, was it already contemplated that you would be doing the observational study on the infection data?

A. In all truthfulness, I don't know when that came in.

Q. Okay.

A. That's a big e-mail log, huh?

Q. It is.

(Whereupon, Exhibit 10 was marked for identification.)

BY MR. C. GORDON:

Q. Exhibit, what is that, 10?

MR. B. GORDON: Ten.

THE WITNESS: What is this? Oh, this is the data, okay.

MR. B. GORDON: So you can read

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1 ALBRECHT
2 this.
3 THE WITNESS: Well, now that I
4 know what I'm looking at.
5 MR. B. GORDON: No, I meant old
6 guys like me and Corey. I need glasses to
7 read this.
8 MR. C. GORDON: (Indicating.)
9 MR. B. GORDON: Oh you have
10 bifocals okay.
11 MR. C. GORDON: I also have a
12 magnifying glass.
13 THE WITNESS: I don't think that
14 will help either.
15 BY MR. C. GORDON:
16 Q. I have something that's going to help. But
17 first I want to establish that -- that is a
18 printout of the data that Dr. Reed would have
19 provided to you and from which you generated
20 your statistical analysis that became the
21 observational component of Exhibit 8?
22 A. I'm assuming, but there's no way for me to
23 verify something like this.
24 Q. I want to walk you through a little bit of it
25 and see if it rings -- rings a bell.

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1 ALBRECHT
2 At our hospital, yeah, I believe so.
3 Q. Okay. And with that I think I'll see if I
4 can make things a little easier.
5 (Whereupon, Exhibit 11 was
6 marked for identification.)
7 BY MR. C. GORDON:
8 Q. I'll give you Exhibit 11.
9 MR. C. GORDON: Careful, the
10 staple is sharp.
11 MR. B. GORDON: Okay.
12 BY MR. C. GORDON:
13 Q. And I will represent to you that Exhibit 11
14 is a document that we created from the
15 original source file that was Exhibit 10.
16 A. All right.
17 Q. And what we did was limit the site field to
18 just WG, Wansbeck General.
19 A. Okay.
20 MR. B. GORDON: When you say,
21 "We," you mean --
22 MR. C. GORDON: My paralegal.
23 MR. B. GORDON: Okay.
24 MR. C. GORDON: Okay?
25 BY MR. C. GORDON:

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1 ALBRECHT
2 There -- there appear to be three
3 different hospital -- hospitals involved
4 there, three different two digit -- two
5 initial codes there, do you see that?
6 A. Okay. Op code or -- let's see.
7 Q. I don't have it in front of me but --
8 MR. B. GORDON: Is there a legend?
9 THE WITNESS: It's a big table.
10 Wow. Okay. There probably is a number or --
11 well, I wonder if there is with this one or
12 not. Okay.
13 BY MR. C. GORDON:
14 Q. The -- I don't have -- oh, I do have a copy.
15 Under, "B, Site"?
16 A. Oh, yeah. Okay, cool.
17 Q. You have, "HX, MT," and, "WG"?
18 A. That sounds right.
19 Q. WG is for Wansbeck General, right?
20 A. I believe so.
21 Q. And the data that you based Exhibit 8 on were
22 data only from Wansbeck General, right?
23 A. Boy, I've got to look now. I think so. Just
24 hold on. These are very detailed questions,
25 you have to think back. (Reviews documents.)

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1 ALBRECHT
2 Q. So -- and you -- you have the full --
3 Exhibit 10 is the full document, so you don't
4 have to take my word for it, you can, you
5 know, we can go back and forth to compare.
6 A. I would have no means to do so with something
7 like this, but, yeah.
8 Q. It would take a long time. But on the things
9 that -- that are going to matter, you --
10 you -- you know, can cross reference it,
11 because they -- every one of them has a -- a
12 unique identifying number --
13 A. All right.
14 Q. -- on the first column.
15 We also limited the columns in order
16 to get the --
17 A. Sure.
18 Q. -- information on one page that I -- that
19 wanted to talk to you about. Again, all the
20 information is available for you. Somewhere
21 we do have a sheet that I think is the field
22 codes, and I can find that if that matters.
23 But what I believe Exhibit 11
24 reflects, called out from Exhibit 10, are all
25 the hip and knee procedures performed at

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Wansbeck from October 2nd, 2007, to December 23rd, 2010. And I believe, if you look at Exhibit 10, that is also the date range of the Wansbeck General --

A. Okay.

Q. -- data.

In the far right field under, "Deep Infection" --

A. Uh-huh.

Q. -- you'll see periodically --

A. Yup.

Q. -- a deep infection or a bacterial strain and then it -- a date. And that date -- just so you see what we're doing, let's -- let's take a look at the first one that shows up. It -- it -- it has the unique identifier 145.

A. Yup.

Q. And if you look at --

MR. B. GORDON: Where -- where are you, Corey? Okay.

MR. C. GORDON: I'm sorry, you know what, I don't think the numbers did stay. I thought they did.

MR. B. GORDON: You're talking

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about this enterococcus, whatever?

MR. C. GORDON: Yeah.

THE WITNESS: It's a type of bacteria. Okay. So 145 is WG 72. What is the hell is 72? Yeah, it looks like it's crossing.

BY MR. C. GORDON:

Q. So I think if you look at Exhibit 10, starting at page Bates numbers AUGUSTINE_00005198 because this is a humongous Excel spreadsheet it goes across --

A. I do see it here, 30th of October, 2007.

Q. And you have to go five pages in on the Exhibit 10 to see the data we extracted, which is the -- the bacterial strain and the date of diagnosis.

A. Yup.

Q. The date of the procedure, I think, is under, "Op Date." And, again, I apologize if I -- I may not be able to locate it very quickly, but I know I've seen somewhere what looked like the descriptions of the fields.

A. Okay.

Q. But focusing on the procedure, the operation

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date, the date of the infection, I think I'll be -- you know, I'm going to ask -- I'll be able to ask --

A. Okay.

Q. -- the questions I want to ask. And if there's anything in there that you want to know more about, you can look --

A. Okay.

Q. -- at the full set of data or you want me to go find the -- what I believe are the field identifiers, I'm happy to do that, but --

A. Okay.

Q. -- I think we might be able to get through that.

The study that the -- Exhibit 8, the study that you actually published in the observational component of it, you started the -- well, strike that.

For the observational study, you looked -- you divided the retrospective data you had into three components, right?

A. Yup.

Q. One was Bair Hugger only, one was a transition or crossover period --

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A. Yup.

Q. -- and one was a period when only HotDog was used, right?

A. Yup.

Q. And as I understand it, you disregarded, for purposes of any of your statistical analysis, that crossover period?

A. That's what as a group we decided to do, yup.

Q. Okay. So you were just comparing the -- the first period when Bair Hugger was the warming modality used and the period when HotDog was --

A. Conductive fabric, yes.

Q. Conductive fabric. It was HotDog, wasn't it?

A. Yes.

Q. And you started the Bair Hugger only period as of July 1st, 2008, correct?

A. Boy, I would have to -- it looks like it here on the graph, yes.

Q. The -- the -- the -- from here on out or for the next few minutes for sure we will probably want precision, so please consult --

A. Okay.

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Q. -- whatever you need to consult to --

A. Looking here, yes, July.

Q. The data you had available to you started in October of 2007, right?

A. I don't know, because I don't have the exact data in front of me that was used. I've been given this table telling me that this is it.

Q. The Exhibit 10, I will represent to you was produced by Augustine -- I don't know if it was Dr. Augustine personally, but I think it was Augustine Medical, pursuant to a subpoena.

A. Uh-huh. Did that come from the test report folders, was that the actual analysis file?

Q. Electronically I have no idea.

A. Because that's very important to know, because that would govern why the decisions for the time periods are what they are.

Q. Tell me the two different files you said.

A. So there was a file that was used for analysis that was agreed upon by the group. So there's -- there's actual statistical code that runs this and there's data that underlies that. And for me to be certain on

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anything that's going on, I would need access to that.

MR. B. GORDON: Well, and I -- for that reason I'm going to interpose an objection to the reliability of this chart, Exhibit 11, prepared by your paralegal and you, as being an adequate and fair representation of the statistical data that would be comprised in Exhibit 10. I just want a standing objection to the use of this, because I don't know that it's the same thing.

THE WITNESS: That's -- I see the date in this and I'm not sure what that's about.

MR. C. GORDON: I think we're talking about two different things.

Ben, to the extent you -- you know, I mean, we prepared Exhibit 11, and if there are any discrepancies between it and --

MR. B. GORDON: Right, because he can't authenticate anything in --

MR. C. GORDON: He can't authenticate Exhibit 11, clearly.

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BY MR. C. GORDON:

Q. Do you recall looking at data in the form of an Excel spreadsheet?

A. Yeah, at some point something came over as an Excel spreadsheet that we started from.

Q. And as you sit here today, you don't have any recollection of whether there was or was not data provided to you prior to July 1st, 2008?

A. I don't know. I have no recollection on that detail.

Q. Okay. So would it be -- let's see if this jogs your memory. If you -- if you -- if you look at either Exhibit 10 or 11, although 11 is a lot easier --

MR. B. GORDON: Just give me a standing objection to 11 and then you can use it, if he can make sense of it, that's fine.

BY MR. C. GORDON:

Q. Yeah, and -- and -- what I'm going to -- all I'm doing this is to -- to -- to jog your memory, you know, I'm not -- I'm not asking you to authenticate about what I'm about to say. But if you were to count the number of -- of infections that arose within 60 days

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of the operating procedure, which was the criteria used, right?

A. I believe so. I'd have to look through here and what was sent to me for the data and the definitions. Hold tight. Again, without the exact code in front of me, it's very hard for me to faithfully answer some of these questions, because if they're very detail oriented, I sometimes won't be able to tell you because I just simply don't know the detail. Let's see here. (Reviews document.) Okay. "In order to standardize a duration of follow-up, only infections presenting within 60 days of surgery were included," okay. Yup.

Q. And, again, I'm not asking you to -- to verify this or refute it or anything, but if you were to count from Exhibit 10 --

A. Okay.

Q. -- which it's a lot easier to do on Exhibit 11, the number of procedures performed at Wansbeck between October 1st, 2007, and June 30th, 2008, the total number of -- of hip and knee prostheses -- or joint

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replacements, arthroplasties, is 534. And if you count the number of infections that appear on Exhibit 10 for Wansbeck General Hospital during that period of time that occurred within -- within -- within 30 days -- or 60 days within the operation date, there are a total of 5.

A. Well, and this is the data pool that's used here then the broader file, I would imagine.

Q. Exhibit 10?

A. I would think so. See, it says, "Our data," it doesn't say -- let me look here. (Reviews document.) I want to be very precise if you're asking this question. I see where you're going.

Q. And -- well, on this issue, let me just tell you that -- that -- you don't have to believe me, you can do it yourself, but I spent a lot of time trying to correlate the data as reflected in the paper with the data in the data file.

A. All right.

Q. And if it's not just Wansbeck General, there's no -- it isn't even close. But if it

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is Wansbeck General only, then it's really close, although not exact.

A. Okay.

Q. And I'm not going to show you now, but I think there's -- you had a subsequent e-mail exchange with Dr. Reed where you talked about how the data was not exactly a hundred percent accurate.

MR. B. GORDON: Objection to counsel's testimony.

MR. C. GORDON: And -- and I'll sustain the objection, I'm not --

THE WITNESS: Can you show me the e-mail, please?

MR. C. GORDON: Yeah, we -- we can pull that out.

MR. B. GORDON: There's not a question, so...

BY MR. C. GORDON:

Q. My whole point in raising this is do you remember any discussion about let's start in the middle of 2008, because that if we start it as early as October 2007, the infection rate is pretty low?

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A. I don't recall. But if you have an e-mail, it obviously happened.

Q. No, I'm not saying I have an e-mail that says that. I'm just --

A. No, I don't recall that.

Q. Okay. So you have no recollection of any discussion about moving the -- the -- you know, or -- or adjusting the start --

A. Not to my knowledge, no.

Q. Okay. All right. So the study period --

A. Keep in mind, all these were very carefully talked about amongst us as a group, you know, the author, as what we chose for the analysis.

Q. Okay. And the group you're talking with was who?

A. Closely working with McGovern and Reed on how to think about this stuff, and Carluke, Partington, yes.

Q. And Scott Augustine too?

A. Yes, he was involved in discussions.

Q. He was copied on all the e-mails too, right?

A. He may have been on some of them.

Q. Okay. The Bair Hugger only period --

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A. Okay.

Q. -- and we need to be precise, was 7/1/08 to 2/28/10, correct?

A. 7/1/08 to 2/28/10. Okay, yeah, that might be about right.

Q. The crossover period was 3/1/10 to 5/31/10; is that right?

A. That looks about correct.

Q. Well, I don't want to be about correct on this one --

A. Are there dates in the paper?

Q. Yeah.

A. Okay. If those are the dates that are in the paper, then that's what it was.

Q. I think that appears on page 1540.

A. Okay. Okay. July 1st. So, yeah, if these are the numbers or the dates here, we can be as accurate as we can be.

Q. And then the HotDog only period was 6/1/10 to 12/30 -- excuse me, 12/31/10, correct?

A. 6/1/10 to 12/31/10, let's see here.

(Reviews document.) Yes, 1st of June, 2010.

Q. Let's work backwards in time. In the paper you report that in the HotDog only period

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there were three infections that -- that met the criteria, correct?

MR. B. GORDON: Could you reread that? I'm sorry, I missed it. I can read it right here, that's okay.

THE WITNESS: It's based on the table, yes, I have three infections.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. Now, if you would look at Exhibit 11.

A. Okay.

Q. And, again, feel free to cross-reference to Exhibit 10.

MR. B. GORDON: Standing objection.

BY MR. C. GORDON:

Q. If you count the infections for that time period --

A. Okay.

Q. -- June 1st, 2010, to 12/31/2010, there are actually four, correct?

A. I would have to physically count these, but that's not what our data says here. The data set that was analyzed there was three.

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Q. Go ahead and count.

A. I see one in this article --

Q. Be sure you look at the --

MR. B. GORDON: June --

BY MR. C. GORDON:

Q. I think there's -- I -- I start at the very end of the study period, so look --

A. Okay. I've got one here on 10/30/07.

Q. No --

A. I'm sorry.

Q. -- I'm sorry, we'll get to those. If you jump ahead to -- I guess they're not page-numbered, but way in where it's -- where sort of towards the very bottom of the page it starts with 6/1/2010 there.

A. Okay.

MR. B. GORDON: Unfortunately, the pages aren't numbered.

THE WITNESS: Okay. So 6/1. So we got one, two, three. Yeah, I count four, and the fourth one occurring on 11/22/10.

MR. B. GORDON: Just, again, I want to object to the extent that we can't know definitively that this is an accurate

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reflection of what's actually in the data set, because it's not from the data set or it's an extraction from counsel from the data set.

BY MR. C. GORDON:

Q. Yeah, and for the four infections, if you -- you know, go ahead and look at --

A. Well, that's what I was going to say, because there may have been a reason --

Q. Yeah, and that's exactly why -- if there's a reason, I'd like to know. That's --

A. And I -- honestly, in those calls I probably sent the e-mail to Mike or Paul about someone on this and there was a determination, but it's so long ago you can't tell.
(Reviews document.)

Yeah, I don't know. I can't tell if anything on here gives me any insight into this.

Q. Let's see if this jogs your memory about --

A. Please.

Q. -- issues.

(Whereupon, Exhibit 12 was marked for identification.)

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BY MR. C. GORDON:

Q. I'm showing you Exhibit 12. And this is some -- a document you produced, a series of e-mails between you and Dr. Reed from 2012, right?

A. Yeah.

Q. Or two -- so I guess 2011, 2012.

A. So we start at the back, forward here.

Q. It looks like it. In fact, let's start at the -- at the back page, which --

A. Yeah, please.

Q. -- the first e-mail where -- and the subject says, "Hi, Mike. Say, the data file you sent me doesn't match the earlier one for overlapping cases"; do you see that?

MR. B. GORDON: Which page are you on?

MR. ASSAAD: Which page are you looking at?

MR. C. GORDON: The Bates number 3576.

MR. ASSAAD: Which e-mail? The last page?

MR. C. GORDON: It's the last

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e-mail, but it starts at the bottom of the second page or second to last page.

MR. B. GORDON: The subject says, "Hi, Mike."

THE WITNESS: "Mike, I've done a quick analysis of the new data trends"; is that what you're looking at?

MR. C. GORDON: Yes.

BY MR. C. GORDON:

Q. And you say, "The data files are not totally consistent in regards to the data that the BR, JB, JS article was based upon."

That -- that's a reference to Exhibit 8, right?

A. Okay. So this e-mail is after the analysis of this, yes.

Q. Okay. And the second to the last paragraph of your first e-mail that starts this chain is you -- you tell Dr. Reed, "So I'm giving you a graphic for the Wansbeck data, but do not distribute it for it," quote, "Slightly," close quote, "Conflicts with study data due to different reporting practices in your data. The relevant info supported in your

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figure is," and then you go on to give odds ratios, confidence intervals.

Does this reflect -- refresh your recollection that you had seen data that you thought slightly conflicted with the study data?

A. Well, we did an analysis on the file that went into here, right, and then we got a new file that he wanted updated statistics on after the article was published and everything was done. And it looks like it didn't line up a hundred percent, so I ran the analysis, I'm not sure what's going on, and that's kind of where this thread comes from.

Q. And I want to make it very clear, I have no idea if Exhibit 10 is the original data --

A. I don't either.

Q. -- or the -- the newer data that's slightly conflicted.

A. It's probably the slightly conflicted, because this one would match up, whatever it is.

Q. Okay. Going back to what you report for the

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number of infections of Bair Hugger only study period --

A. Okay.

Q. -- in -- on Exhibit 8, and I think that's on page 1542, you report 31 -- 32, correct?

A. Excuse me. Okay. So patient-warming device, infections, developing infection for forced air, 32.

Q. Okay. And you're more than welcome to take the time to do that, but my -- I -- I count in that Bair Hugger only period on the data on Exhibit 10 that there were actually 31 infections in -- at Wansbeck.

A. All right.

Q. As you -- again, as you sit here today --

A. I don't know.

Q. I guess -- well, number one, you can go back and look at Exhibit 12. You did a recalculation of the odds ratio --

A. With the updated data, yes.

Q. Yeah, and --

A. That would be different than the data here.

Q. Right. What was the odds -- what was the odds ratio as you reported in the paper?

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A. Okay. So the paper odds ratio was 3.8 with a confidence interval of 1.2 to 12.5.

Q. Okay.

A. And the updated one here had an odds ratio of 2.98, and a confidence interval that's still significant.

Q. So the odds ratio going down --

A. It did.

Q. -- would be -- would be consistent with too high a number on the Bair Hugger side and too low a number on the HotDog only side, right?

A. There's not too high a number, too low a number. The data file that was assessed that was screened by the clinicians, these are the numbers that represent it.

Q. I -- right. I didn't mean to say a mistake was made. I'm saying that the -- the difference between 3.8 and 2.9 --

MR. B. GORDON: Eight.

BY MR. C. GORDON:

Q. -- 8, could be accounted for by having lesser infections in the forced -- in the Bair Hugger only period and more infections in the HotDog period, correct?

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A. It could be due to a reduction in Bair Hugger infections, HotDog stays the same. It could be due to an increase in HotDog infections, Bair Hugger stays the same. You know, there's many ways to get an odds way to move.

Q. And but the odds -- if -- if in fact there were -- the data you analyzed the second time around had fewer infections in the HotDog period and more infections in the Bair Hugger -- sorry. Strike that.

A. The infections could have been the same, the number of controls could have changed, so we have fewer -- more non-infections and that's going to push it down, because you're looking at odds ratios.

Q. But one way that the odds ratio might have changed is if the total number of infections attributed to the Bair Hugger only period went -- was lower and the total number of infections attributed to the HotDog only period was higher?

MR. B. GORDON: Objection to form, calls for speculation, not supported by the facts in evidence.

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THE WITNESS: If you add infections to the one group and not to the other, you will move the odds ratio.

MR. C. GORDON: Okay.

THE WITNESS: There's about four different mechanisms to push it in different directions.

MR. C. GORDON: Right.

BY MR. C. GORDON:

Q. And I -- I don't want to spend a lot of time, you know, on 31 versus 32 or 3 versus 4, I just --

A. Sure.

Q. -- does that --

A. Yeah, they paid me to -- this is after my time. I was out at a new job. They wanted the file updated, so I did that for them using the same methods with the new data file, and this is what was returned.

Q. Okay. Are you aware of any letters to the editor or any efforts undertaken to correct the odds ratio that was reported?

MR. B. GORDON: Object to form.

THE WITNESS: This isn't a

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correction needed, because the new data was added, so the cohort is different in this versus what's in the paper. So the new data and the trend does persist. So Mike is asking, "I'm keen to see what's happened since we looked at this last, so there's an old file attached in case you don't have it and the new data." So he augmented the data set and that's why there's the different number.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. So what -- what was it that's slightly conflicted with the study data?

A. I have no clue. I've got to look at this very carefully. (Reviews document.)

So it looks like in the new file they sent me there was that 60 days concern. He didn't have a date, so he couldn't clip it in the same manner, and I think that was part of it.

So he sent me a file that wasn't as complete as the one we initially used and it was missing one of the fields we did to

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figure out the number of infections, and so this was just an internal update for him.

This wasn't reanalysis of the original study. This was just, Hey, Mark, I've got a data file here, I wanted to see for my own knowledge if this trend is persisting given a little more data, could you help me out.

Q. Did you write up a paper that had a revised analysis or an updated analysis of the additional data?

A. Yeah, and it was in my -- let's see here.

You guys should have got that somewhere. In my Gmail dump I would have expected it, but this might not have come from Gmail, this might have been from my U of M account, which is toast.

Q. What do you mean it's toast?

A. It doesn't exist anymore, so in doing the document pull I couldn't get anything from there.

Q. Okay. Well --

A. Do you have that updated study document? I would be happy to walk you through it and try

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and understand why they're different.

Q. Again, I don't want to focus too much on the difference between 31 and 32 and 3 and 4, because I don't think that is a good use of time at this point.

A. Okay.

MR. B. GORDON: Then we'll object to your use of it for any other reason.

BY MR. C. GORDON:

Q. What I do want to focus on, though, is let's start with Figure 7 --

A. Okay.

Q. -- in this study on page 1543.

MR. ASSAAD: Exhibit 8?

MR. C. GORDON: Correct.

BY MR. C. GORDON:

Q. And there's a -- this figure is a -- is a depiction of infection rates in the Bair Hugger period, the transition period and the conductive -- or the HotDog period, right?

A. Yup.

Q. Now, for the Bair Hugger only period, the infection rate is drawn as a uniformed

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straight line, correct?

A. It's an average of the period.

Q. It's an average that -- that was my question.

And if you look at the plots on the -- at the very top, I assume those plots -- the -- the little circles are the individual infections corresponding to the time period in which they occurred?

A. Yup, those are the raw data points plotted and they're moved up and down a little bit, it's called jittering, so they try not to lay on top of one another so you don't over plot.

Q. Could you, if you had wanted to, plotted these infection rates, rather than as an average over this entire time period, as broken it down into smaller time periods?

A. So like a -- a smoothed curve?

Q. Yes.

A. You could, but it wouldn't correspond with the model results in the contingency table. We like to match the contingency table whenever possible to the raw data figure so the results kind of all tie up.

So if you look here, the infection

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rate that's presented here is the estimate is the same infection rate that's used to get your odds ratio in table number 2, and that's why we kind of chose to present the data with that type of a picture. It's just so the model matches up and you can plot the model and its air bounds.

Q. Okay. Looking at the -- those plots, would you agree that the -- the spacing of those -- of the infections is not uniform throughout that Bair Hugger period?

A. Absolutely.

Q. They seem to be clustered a little bit at the beginning and a little bit more at the end, right?

A. They could be due to a random process. It's sometimes hard to tell. The eye always picks out a pattern where none is sometimes present.

Q. Okay. I think you mentioned this before, but there was a change in -- in antibiotics?

A. Oh, yeah.

Q. When did that change occur?

A. Let's see here, so it's actually in the

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paragraph right below it to the left. And, again, this is -- Mike Reed would give a lot more context to this, if you want, or Paul McGovern but --

Q. We'll all stipulate to that.

A. Yup.

MR. C. GORDON: Certify that, please, as a submission to the high court in London.

THE WITNESS: Okay. So although no infection control changes were made after 2010. So in the methods part that you talk about the prophylaxis change, there's a very clear -- I believe. Let me read through this. (Reviews document.) Okay, so that's that piece. Where is the data stuff? Joint infection data, here we go. (Reviews document.) Okay. From July 2008 to February 2009 they had one regimen. In March 2009 onward they changed.

BY MR. C. GORDON:

Q. You're talking about the antibiotic?

A. Well, that, and it looks like they had a blood clotting drug change too.

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Q. For the moment, let's -- let's focus on the antibiotic change.

A. Okay.

Q. The -- during the Bair Hugger only period, the only antibiotic used for the -- the period of July 1st, 2008 to February --

THE WITNESS: Do you have a pencil I could borrow? Is that okay?

MR. B. GORDON: Yeah.

THE WITNESS: Sorry, I want to draw a line on this graph just so --

MR. C. GORDON: Yeah.

THE WITNESS: So go ahead and tell me again what you're saying.

BY MR. C. GORDON:

Q. From February -- excuse me, July 1st, 2008, to 2/28/09, the only prophylactic antibiotic used was Gentamicin, correct?

A. 2/28.

MR. B. GORDON: Object to I just want to make sure that's accurately stating the facts.

THE WITNESS: Let's see what we got here. (Reviews document.) Okay. Okay.

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We've got a line. All right.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. And then from March 1st, 2009, to the end of the -- the study period, the prophylactic antibiotic regimen was a combination of Gentamicin and Teicoplanin, right?

A. In February 2010 they went back to Tinzaparin --

Q. No, that's the -- the --

A. The blood clotter?

Q. The blood clotter, yeah.

A. Okay. So let's just say that that's the case.

Q. Well --

A. Again, this is the details that the surgeons are more familiar with.

Q. Well, the question I want to ask you is whether you had any discussion with Mike Reed or anyone else about why they switched from having just one antibiotic to a combination of two antibiotics?

A. The reasons for that switch, I'm unsure. Surgical practice changes all the time, so I

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think they're probably just following protocol changes, but that would be a guess on my part. I don't know why they would change.

Q. Did you ask?

A. I didn't -- I didn't ask why they changed, no, at least to my knowledge, I'm not sure.

Q. So did you have any discussion with Mike Reed as to whether he thought the use of Gentamicin alone was potentially a problem?

MR. B. GORDON: Object to form, calls for speculation, asks for a medical opinion he's not qualified to answer.

THE WITNESS: We talked about it as it pertained to the analysis of the data, and that's why there's a big caveat here in the discussion that outlines the study does not establish a causal basis for this association and calls out the antibiotic change.

BY MR. C. GORDON:

Q. That was actually something that a -- that a peer reviewer from the journal asked you to include, right?

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A. I'd have to see the e-mails. I don't recall.

Q. Did -- in any of your communications with Dr. Reed, did he ever tell you that he had come to the conclusion that there is no evidence for the use of systemic Gentamicin as prophylaxis in primary elective total hip arthroplasty and total knee arthroplasty surgery?

A. Not to my knowledge, unless there is an e-mail on that. It's a long time ago. I don't remember.

Q. Well, if -- if today you were to be told that Dr. Reed had concluded that Gentamicin -- there's no evidence for using Gentamicin alone as an antibiotic for prophylaxis in arthroplasties, would that impact how you view the validity of the comparison of the Bair Hugger only to the HotDog only period given that there was a period of time when in the Bair Hugger portion when only Gentamicin was used?

MR. B. GORDON: Objection to form, compound, assumes facts not in evidence, improper foundation, calls for medical

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opinion.

THE WITNESS: As a factor in the model, there's a transition period here that happened. This is an observational study. These things aren't controlled for. You can't make a causal inference, and we did not. The study does not establish a causal basis and that's -- there's a lot of compounding factors that could be at play.

BY MR. C. GORDON:

Q. And you, in this paragraph on page 1545, the first full paragraph on that page, you mentioned that there are --

A. 1545?

MR. B. GORDON: 45?

THE WITNESS: Forty-three?

MR. C. GORDON: 1543, yeah. Ben's point about my eyes.

THE WITNESS: Which one now?

BY MR. C. GORDON:

Q. The -- the line, "The study does not establish the causal basis for the association," and you go on to say that, "The data are observational and may be compounded

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by other infection control measures instituted by the hospital"; do you see that?

A. Yes.

Q. The next sentence starts, "For example," and then you talk about the change in antibiotic and thromboprophylaxis protocols, right?

MR. B. GORDON: Is there a question?

THE WITNESS: This wouldn't be me talking, this would be the clinical researchers writing their sections of the article.

BY MR. C. GORDON:

Q. Do you know why two examples were given as opposed to an attempt to comprehensively list other infection control measures instituted by the hospital that may have confounded the results?

MR. B. GORDON: Objection to form, calls for speculation.

THE WITNESS: I wouldn't know. I'm not an employee of the hospital. You'd have to ask someone who is to know what they were. I listed the ones that were important

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in their minds.

BY MR. C. GORDON:

Q. So that was your determination to only mention antibiotic and thrombo --

A. No, it was not my determination. This article is a joint collaboration between six authors. They all had the same conclusion in reading through the manuscript, drafting it and approving what went out.

Q. Well --

A. So, no, it's not mine.

Q. Would you agree that one possible conclusion that this paper suggests is that the change in infection rates that you report was a result of changing from the Bair Hugger to the HotDog?

MR. B. GORDON: Objection to form.

THE WITNESS: We report a difference, a significant difference in the odds ratio for those time periods knowing that there are other things that could have been associated with that change, such as those you've highlighted here, the change in antibiotic and the change in blood clotting

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drugs.

BY MR. C. GORDON:

Q. Did you -- and as a -- as the statistician doing the -- the -- the statistical analysis here, could you have done a multivariate analysis that would have accounted for the changes in infection control measures instituted by the hospital?

MR. B. GORDON: Objection to form, asked and answered.

THE WITNESS: Not easily. We had talked about that. And I think the reasoning was that the data was pretty sparse. And I need to look carefully at that. We did discuss it. (Reviews document.)

In fact, I think that follow-on e-mail, we have one here where we have enough data that we can kind of take out some of the data for the period of the difference in -- well -- we did our best to control for it with the data at hand. I'm trying to remember the exact reasoning we chose. Let me think about that question for just a second.

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If we had more data, yes, the answer would be it's simple to do that.

BY MR. C. GORDON:

Q. And by more data, that would include more data on what the infection control measures were and when they were instituted, right?

A. Well, if you want a simple thing on just the antibiotics --

Q. Okay.

A. -- we can think about that. Again, this is a while ago some of these decisions were made, so it takes a while for me to get back to the place we were at.

Q. Understood.

A. So I don't really want to ramble here, so let me just think for a second about your question. (Reviews documents.)

Given that I'm not as close to the data as I once was and the decision-making process around why the analysis is or was what it is, you know, this is five years plus ago, my recollection is there was something to do with the number of observations in the grouping making that very difficult to do,

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but I can't recall exactly what our choices were.

Q. Let's go back to the -- to the changes that you did talk about in the -- in the study.

In addition to the antibiotic change, there was a change in the -- what -- what the paper describes as thrombo -- thromboprophylaxis.

A. Yeah. That's blood clotting, right?

Q. An anti-blood clotting --

A. Yeah.

Q. And the change was from Tinzaparin to -- it's Rivaroxaban in the United States. Or Rivaroxaban -- I'm sorry. The change was from Tinzaparin to Rivaroxaban, which is also known as Xarelto, back to Tinzaparin. And do you recall --

A. I'm looking at this.

Q. Read it if you want, I just --

A. Give me the dates on that so I can draw them on my graph.

Q. Well, I want it to be your testimony, but it appears to me that the Rivaroxaban period was August 1st, 2009, to February 28th, 2010.

MR. B. GORDON: And you can point

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him to the page 1540 to be fair.

MR. C. GORDON: I could --

THE WITNESS: Yeah, I'm just trying --

MR. C. GORDON: -- but you did.

MR. B. GORDON: Okay. Thank you.

THE WITNESS: Okay. So we've got another period in there. Okay.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. Do you recall having any discussions about the fact that they had switched from one anti-clotting drug to another, and after seven months they went back to the original anti-clotting drug they were using?

A. I was informed of this and we talked about it, but the reason why they did that I don't know. Things change all the time in the hospital.

Q. You never had any discussion with Mike Reed or Paul McGovern about why they -- they went back to the original one after seven months?

A. Not that I recall on what the reasoning was.

Q. And so you didn't have any discussion as to

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whether that could have impacted infection rates, right?

MR. B. GORDON: Objection; calls for speculation, asked and answered and calls for a medical opinion.

THE WITNESS: I'm not the clinician in this case, and it's their judgment to figure out, you know, what the treatment regimens are and how those relate to the risks a patient -- a patient faces and what choices they make.

So in doing the analysis we talked about the fact that there was a change, but what that change means clinically, I have no way to interpret.

MR. C. GORDON: Okay.

BY MR. B. GORDON:

Q. If you wanted to eliminate the antibiotic and the anti-blood clotting changes as potential factors, would the -- would the best way be to look at a period in the Bair Hugger only period when the same antibiotic and anti-clotting prophylaxis -- prophylaxis regimen was used that was used in the HotDog period?

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A. If there is such data, yes.

Q. As you -- as you sit here today, are you aware that there -- that there was such data?

A. Well, so let me look at this here. I recall us redoing something after the fact as a follow up to even this article here that we had further updated data, and I don't know if you have had in your hands, but I think we should talk about that if you have it, because that would highlight this question a little more.

Q. I just want to -- for the moment I want to stick to the data that are in --

A. Okay.

Q. -- that actually reported in the paper.

A. Yeah. It's an observational study. We're looking for things at this point and we're doing univariate tests, because the data isn't that deep, there's factors changing under foot, it's not properly controlled where you're adjusting for these factors in a statistically valid sense, and so it's just -- single tests were done, things were highlighted, the patient-warming device did

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stick out, the caveats were listed, and you can see the -- the rate of infection over the periods, and there are some issues that, yes, there was a confounder of antibiotic change, yes, there was a confounder of clotting agent change.

Q. Okay. Let's talk about those two confounders. During the Bair Hugger only period, there -- the antibiotic protocol was a combination of Gentamicin and Teicoplanin, right?

A. Okay.

MR. B. GORDON: Objection; asked and answered.

BY MR. C. GORDON:

Q. And during the Bair -- the HotDog only period, the anti-clotting agent that was used was Tinzaparin, correct?

MR. B. GORDON: Asked and answered.

THE WITNESS: Okay.

BY MR. C. GORDON:

Q. And if -- well, during the period of March 1st, 2009, to July 31st, 2009, it was

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a -- it was a Bair Hugger only -- it was Bair Hugger only at that point still, correct?

MR. B. GORDON: Asked and answered.

THE WITNESS: Yes, it looks that way.

BY MR. C. GORDON:

Q. And the antibiotic prophylaxis was the same Gentamicin and Teicoplanin that was used in the HotDog only period, correct?

MR. B. GORDON: Asked and answered.

THE WITNESS: I'm going to have to map this out here. Do you have a sheet of paper I could borrow?

MR. C. GORDON: Oh, absolutely. I'll give you a whole pad. (Hands paper.)

And I understand I --

THE WITNESS: There's a lot of --

MR. C. GORDON: I killed many trees doing this.

THE WITNESS: Yeah. Well, if you want an answer that makes any kind of sense.

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Okay. I don't catch the switchback you're talking about. I see the Gentamicin, the Gentamicin plus Tinzaparin for the antibiotic, and then that holds, unless I missed something in the reading.

BY MR. C. GORDON:

Q. Which -- I'm sorry, which switchback?

A. So reading this out, all right, unfortunately, the prophylactic antibiotic regimen was not constant during the study period from July 2008, which is the start, right, to February 2009. A single dose of Gentamicin was given at induction.

Q. Right.

A. Okay. So we have Gentamicin up to February of 2009. Okay. In March of 2009, so right then, this was changed to Teicoplanin, I don't even know how you pronounce that, and Gentamicin --

Q. And that stayed the same for the rest of the period?

A. Yes, yes.

Q. So from March 1st on there's no difference in the antibiotic prophylaxis, right?

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A. Yes. From March 1st, yes.

Q. So let's overlay now the change in the --

MR. B. GORDON: Blood thinner.

BY MR. C. GORDON:

Q. -- the anti-blood clotting.

A. Okay.

Q. According to your paper, it says from August 2009 to February 2010 Rivaroxaban was provided, but in February 2010 to the end of the study this reverted to Tinzaparin.

A. August 2009 to February 2010, they flip it and they go back, right? Okay. So August 2009 to 2010, let's see how that lines up.

Yeah, so we always have something changing under foot, because antibiotics aren't the same before March 2009 or whatever and after, and then we do have a clotting agent that is the same at the beginning and at the very end, but in the middle there's a difference.

So we do have one thing that did change under foot, though, that, you know, it doesn't revert back, right?

Q. Well, no, I -- I'm trying to understand this,

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but I -- it looks to me like there are five months in the Bair Hugger only period when the patients were getting the same antibiotics and the same anti-clotting agent the patients got in the HotDog only period. From March 1st, 2009, to July 31st, 2009, patients got Gentamicin and Teicoplanin and Tinzaparin, right?

A. March 1st, 2009, to -- say again?

Q. July 31st, 2009.

A. That's a pretty short time period, March 1st, 2009, to July 31st, 2009.

Q. Yeah, how many months is that?

A. What would that be, five, six-ish. That's not a lot of data.

Q. Yeah. How many months was the HotDog only period?

A. Let's see, what did that run here? Hold on. (Reviews document.) So it was June 1st, 2010, to January 1st, 2011; is that right? Yes?

Q. It's your study.

A. That's what it looks like. No, I'm looking at it quick.

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Q. There's a 2.5 year period starting July 30th -- or July 1st, 2008, so I'm assuming that that's -- the 2.5 year period would have ended on December 31st, 2010.

MR. B. GORDON: Objection to counsel's testimony. It's not a question.

BY MR. C. GORDON:

Q. But it's your study, so tell me.

A. Yeah, it looks like June to the first of the year, yup.

Q. So how many months is that?

A. Seven-ish, right. Well, and again, this is an observational study and we present all these factors that are at play.

Q. Okay.

A. And there are confounders, you've clearly identified them.

Q. Well, but my -- my point is or my question is would you agree that if you just looked at the period of March 1st, 2009, to July 31st, 2009, in the Bair Hugger only period and compared that to the HotDog only period, you'd be eliminating the confounders of antibiotics and anti-blood clotting right?

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MR. B. GORDON: Object to form.

THE WITNESS: Maybe assuming other things didn't change under foot too that aren't accounted for.

BY MR. C. GORDON:

Q. I'm just talking about those two confounders, which are the -- the -- well, strike that.

Those are the only two confounders you actually mentioned in your paper, right?

A. Well, there's more.

MR. B. GORDON: Objection to form.

THE WITNESS: There is something here that talks about -- well, other factors such as details of blood transfusion, obesity, incontinence, you know, those kind of predictors were also left out.

BY MR. C. GORDON:

Q. But those aren't changes in infection control practices, right, those are patient-specific host immunity factors?

A. Yeah. So there is a period where there is similar antibiotic use in both groups and similar blood-clotting agent use.

Q. Not similar, it's identical?

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A. Identical.

Q. Okay. So if you compared those two periods, then antibiotics and anti-blood clotting wouldn't be potential confounders, right?

A. Assuming other things didn't change. Again, this isn't a design trial.

Q. Right. Just those two things, though.

A. Because in a period of that time to that time, other factors are going to change under foot. Yes, if you wanted to have those two factors be the same, that's what you'd do.

Q. Okay. So can you tell from the lines you drew on the chart how many infections there were in the Bair Hugger period when the antibiotics and the anti-blood clotting were the same as in the HotDog period?

A. I don't have a clue. You may have run that number.

Q. Well, I'm just -- can you tell from the chart? Didn't you draw lines?

A. So March 1st, 2009 -- as best I can. So March 1st, 2009, to July 31st -- wait a sec. March -- there's only a handful.

Q. Does that graph have enough detail that

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you -- that you could count?

A. It looks like two or three.

Q. Okay.

A. Maybe four. I'm unsure. I'd have to get that date just right.

Q. Okay. And here's where Exhibit 10 and Exhibit 11 can come into play.

A. Okay.

Q. If you -- as I say, if you want to look at Exhibit 10, that's fine. I believe the data are going to be the same as Exhibit 11.

A. I don't know what this is, yeah.

Q. If you look at Exhibit 11, it's a little easier to count them up.

MR. B. GORDON: Same objection raised before about Exhibit 11 not being authentic.

THE WITNESS: I'm assuming you've done the count. How many did you see?

MR. C. GORDON: I see three.

THE WITNESS: Three, okay. I see three or four there, so...

Okay. We're looking for March 1st through July 31st. I count three from this

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file, yes.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. And that's based on your -- the graph that you plotted, that's in the range of what -- what --

A. Three to four, yes.

Q. There's not a lot of detail in that graph, so you can't, with precision, know the dates, but one thing you can't tell from the graph regardless of the precision of the -- of when exactly the individual dots are falling on the timeline, is you can't tell how many procedures were being performed, right?

A. On the bottom, no, that's hard to do.

Q. And in order to come up with an infection rate, you've got to have both the numerator and the denominator, right?

A. Correct.

Q. So in order to know how many -- what the infection rate was in that window of time when during the Bair Hugger period the patients were getting the same antibiotics and the same anti-blood clotting as in the

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HotDog only period, you'd have to know -- you'd have to count up the number of procedures that were done in that same period?

A. Yes, you would.

Q. Please do.

A. From here, (indicating)?

Q. Yes.

A. You literally want me to do this? Have you done this?

Q. I have.

A. Okay. What's the number you come up with?

Q. Three seventeen.

A. Okay. So 3 in 317 --

Q. I'm sorry, 317, that's HotDog. Two ninety-three?

A. Okay. So 3 and 293. So this is 3 versus 368. Okay.

Q. Where do you get 368?

A. I'm looking at the paper. I just wanted to see what the conductive fabric had for number of operations.

Q. And -- and, I'm sorry, where -- can you just point me to --

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A. Table 2.

Q. Table 2?

A. Yup.

Q. That says 371, doesn't it?

A. Well, I have 3 and 368, so for conductive fabric.

Q. It's the 368 I'm not getting.

MR. B. GORDON: Three plus --

THE WITNESS: Oh, I'm just --

sorry, I'm giving you the number of successes and failures. Yes, that would be 371 in total.

BY MR. C. GORDON:

Q. By the way, if you -- if you count the number of Wansbeck procedures for HotDog only in Exhibit 10 --

A. Okay.

Q. -- there's only 317. Any idea why the 371 reported in the paper, but 317 --

MR. B. GORDON: Objection --

THE WITNESS: I don't have the raw data.

MR. B. GORDON: Just for the record, we don't know if it's the same data,

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we established that earlier.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. So what's -- what's -- what's the infection rate for 3 out of 293?

A. Well, you have a calculator. It's virtually comparable in this cut of time.

Q. I'm sorry?

A. It's virtually comparable to the other group in this cut of time. So we're at 1.02 percent.

Q. Okay.

A. And for 371 you want? That's where I assume you're going.

Q. Do -- do -- sure, do -- well, you already did that. That's already in the paper.

A. Yeah. So that's .8 percent. All right.

Q. And if you were to do -- count 4 infections in that Bair Hugger period, and we'll say it was 371, what would the infection rate be?

MR. B. GORDON: Objection to the mischaracterization of the data and he's already testified he doesn't know if it's the same data.

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THE WITNESS: So if you want me to tell you what 4 divided by what?

MR. C. GORDON: Well, use 371.

THE WITNESS: Okay. You're at 10 percent. I'm sorry, you're at 1 percent.

MR. C. GORDON: It may be 371.

BY MR. C. GORDON:

Q. So if you had compared the five-month period when Bair Hugger was used with the same antibiotic and same anti-thromboembolism drugs as was used in the seven months of the HotDog period, you're the statistician --

A. Those would not be significant for that cut of time, significantly different.

Q. Not even close to significantly different, right?

A. They would not be significantly different. I don't need to run an analysis to figure that part out.

Q. Why didn't you do that, what we just did?

A. It's an observational study. We plotted the data, we put the concerns in, we talked as a group what to do and we looked at the timeline.

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Q. When you say you plotted the data, there's no way somebody reading that paper could know what the infection rate was during the Bair Hugger only period when the same -- you have the same prophylaxis -- antibiotic and anti-blood clotting regimen was used, right?

MR. B. GORDON: Objection to form, assumes facts not in evidence, misstates the record.

THE WITNESS: As a group, this is where the data analysis landed. We did a bunch of univariate tests on the basic things, we did a transition period on the devices, and we reported it as observational data. This is not a clinical trial with a definitive answer.

BY MR. C. GORDON:

Q. Well, and in response to a reviewer's comments, you noted that there were changes to the antibiotics and thromboprophylaxis during the periods, right?

A. Yes.

Q. But you could have completely eliminated those as confounders by doing what we just

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did, right?

A. If you throw away the other parts of the data. Again, it's an observational graph and we're just looking at trends.

Q. Well, and you would agree that the trends for the Bair Hugger period and the HotDog period using the same antibiotics and same anti-blood clotting drugs --

A. I don't know what else is going on.

Q. -- are the same?

MR. B. GORDON: Objection --

THE WITNESS: I don't know what else is going on under the surface though.

MR. B. GORDON: -- argumentative, asked and answered.

THE WITNESS: I mean, we see -- we see a reduction in infection over time here, a time based trend to this component too that's going on, and who knows what did it. We provide a couple hypotheses about it, we state that this is not a causal basis -- casual -- or causal basis. We identify looking for some of these stat tests what was here. The antibiotic, unfortunately, was not

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tested in the way that you described.

BY MR. C. GORDON:

Q. What do you mean it wasn't tested?

A. That analysis or that cut of the data was not presented in the table. And now that you bring that up, it would have been nice to have that in there.

Q. If you had presented that, it wouldn't have been very interesting, would it?

MR. B. GORDON: Object to the form, argumentative.

THE WITNESS: Not true. This was about an airflow disruption paper that also had some joint data accompanying it. The major focus of this paper was about the surgical field and how the airflow is affected by ways.

BY MR. C. GORDON:

Q. You know that Scott Augustine has been marketing the HotDog with the claim that this paper demonstrates that switching from Bair Hugger to HotDog results in a 76 percent reduction in surgical site --

MR. B. GORDON: Objection to form,

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misstates the facts --

BY MR. C. GORDON:

Q. -- don't you?

MR. B. GORDON: -- misstates the evidence. It doesn't say 76 percent, you need to check your facts.

MR. C. GORDON: Seventy-four percent. I'm sorry. Thank you.

THE WITNESS: I'm not sure what he's been doing for marketing nowadays. I have not been in touch with that company in some time except for updating the analysis.

BY MR. C. GORDON:

Q. Would you agree that if -- if he were to claim that your paper, Exhibit 8, stands for the proposition that switching from Bair Hugger to HotDog can result in a 74 percent reduction in surgical site infections, that that would be wrong?

MR. B. GORDON: Objection to form, calls for speculation, argumentative.

THE WITNESS: It depends on your interpretation of the data. I see a time trend here, I see a period when two devices

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are in use, I see other confounding factors that might be at play. I don't know. It's uncertain, like a lot of these things are.

BY MR. C. GORDON:

Q. Well, one thing that is certain, though, is that if you factor out the antibiotics and the anti-thromboembolism drugs as potential confounders, there's no difference?

A. If you cut your data --

MR. B. GORDON: Objection; asked and answered. Sorry.

THE WITNESS: If you cut your data to the period we just discussed and run the analysis on the cut of time there to there and compare those two groups in the way we just did, yes, there is not a significant difference.

MR. C. GORDON: Okay.

BY MR. C. GORDON:

Q. And let's spend a little bit more time on the -- the change in the thromboprophylaxis.

A. Okay.

Q. That period was August 1st, 2009, to February 28th, 2010, right?

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A. So August 1st, 2009, okay.

Q. To 2/28/2010. I'm -- I'm -- can you tell from your little scatter plot there how many infections occurred during that period of time?

A. Which period, say again?

Q. August 1st, 2009, to 2/28/2010.

A. 2/28 to 2010. Sorry, this isn't ordered like that, I've got to look at the months. So that would be March 1st, 2010?

Q. Yeah.

A. Okay. So August 1st, 2009. August 1st, 2009, okay, to March 1st, 2010. Sorry. Okay, I've got a rough cut on that. Is that the start of the transition?

Q. That's correct, yes.

A. Okay.

Q. Can you -- can you count the number of dots in that Rivaroxaban time period?

A. Seventeen-ish, if I got that right.

Q. If you count the -- on Exhibit 11, or go through Exhibit 10, I come up with 18, but whether it's --

A. Okay, 17 or 18, very similar.

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I -- again, I understand you need to do a sophisticated analysis to really say but --

A. Not in this case. So you said 4.3 percent for this period versus which period are we talking about?

Q. The -- the 1.02 when it was Tinzaparin, but it was still the same antibiotics.

A. Well, no, if it's 1 -- 1 percent versus 4 percent, I can tell you that those are different, yeah.

Q. Maybe that explains why they went back to Tinzaparin?

A. Could be.

MR. B. GORDON: Objection to form.
BY MR. C. GORDON:

Q. You never had a discussion about that?

A. We talked that the antibiotics changed and we would do some tests here, show the different devices. We did want to do the forced-air warming versus conductive-fabric warming because we saw an airflow difference, so we wanted to present that, and this observational data was presented as such.

Q. You keep -- you kept talking about -- I don't

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Q. Of course, again, the reader of your paper wouldn't have the denominators, so there we'd have to go to Exhibit 10, or the data that's extracted from it on Exhibit 11.

A. Uh-huh.

Q. And, again, feel free to count it, but I'll represent to you that every time I counted it, and it was several, it was 401 procedures done in that time period.

A. Okay.

Q. So what's the rate of infection using -- yeah.

A. 4.2 to 3 percent. Call it 4.3 percent. Okay.

Q. And, you know, again, I understand this -- this is a complex statistical thing that you -- you would need to do, but if you were to compare the period, that Tinzaparin period when the antibiotics were the same to the Rivaroxaban time period we were just saying where you would have a -- in other words, 1.02 percent to what did you say 4 point --

A. Three. 4.3 we'll call it.

Q. Okay. Would that, just eyeballing it, and

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recall your exact words, but that this was a trendline or --

A. It's a mean.

Q. Yeah. But -- and if you compare the Tinzaparin, same antibiotics, to the Rivaroxaban, same antibiotics period, it wouldn't be a straight line, would it?

A. No.

Q. One would be way down and one would be way up, right?

A. Uh-huh. Yup.

Q. And, in fact, when they switched back from the Rivaroxaban, which is also the time they started switching over to Bair Hugger, infection rates went way back down, right?

A. There is an up/down swing here that corresponds with multiple things happening, yeah.

Q. Just factoring in the change in Rivaroxaban, would you agree that -- strike that.

You said there are multiple things going on. What else are you aware of?

MR. B. GORDON: Objection; asked and answered three or four times.

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THE WITNESS: So let's draw the timeline on a sheet of paper so we can talk about it a little more concretely, because I'm jumping around in my head here with this stuff as we're going to different pieces --

MR. C. GORDON: Fair enough.

THE WITNESS: -- and it doesn't help make this very clear.

Okay. So we've got antibiotic, blood and device, right, are the three factors we're talking about here in our discussion.

MR. C. GORDON: Uh-huh. Yes.

THE WITNESS: Okay. I'm just going to make some hashes on the thing here. Christ, I need a Gantt chart to do this. It's ridiculous.

MR. C. GORDON: I'm sorry?

THE WITNESS: I need a Gantt chart to do this on a computer almost it's like -- all right.

BY MR. C. GORDON:

Q. I guess you guys don't use graph paper anymore, huh?

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A. No, it's been a while.

Q. You probably don't even use a slide rule?

A. I don't do engineering anymore, I do data science nowadays.

Q. You didn't use a slider rule.

A. No.

MR. C. GORDON: Ben, you didn't even use a slider rule.

MR. B. GORDON: No. I remember them, but I didn't use them.

MR. C. GORDON: I used a slider rule.

MR. GOSS: I have my grandfather's slide rule at home. I'm not implying anything, Corey.

MR. C. GORDON: Well, son, my yellow picket slide rule is packed away in a box somewhere that my kids will have to get rid of it when I die.

THE WITNESS: So that goes on from that point forward, that's what I was missing in my head.

THE VIDEOGRAPHER: Corey, we've got about 15 minutes left on this tape.

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Would now be a good time to change it out.

MR. C. GORDON: Yeah, why don't want you change it out.

THE VIDEOGRAPHER: We're going off the record at 2:40 p.m.

(Whereupon, a brief recess was taken.)

THE VIDEOGRAPHER: This is video number 4 in the deposition of Mark Albrecht. Today is October 7th, 2016. We're going back on the record at 2:49 p.m.

BY MR. C. GORDON:

Q. I don't remember if there was a question pending, but you had wanted to --

A. I did, and I understand exactly what you're bringing up now. There was a period of capable antibiotic regimen in both groups and similar prophylaxis for blood clotting, yup, and one could compare those two periods and come to the conclusion that that also could be the result of these differences in infection rates, the data does support that, that's a possibility too.

Q. When you say, "Possibility too," what --

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A. Well, you don't know what it is. How are you to say that that's any more likely than it is the difference in device. It's not a randomized controlled trial, it's an observation study. We saw infection rates go kind of up and down and you're doing your best guess at it, and that's observation, it's imprecise it's not perfect. It's not a randomized controlled trial, which would give you a definitive answer. You just simply can't get one out of this type of data. And what someone else chooses to do with the data is up to them.

(Whereupon, Exhibit 13 was marked for identification.)

BY MR. C. GORDON:

Q. Let me show you Exhibit 13. What I particularly want to direct your attention to is the -- well, the graph that shows -- the graphic that shows the 3.1 percent, and then the arrow to 0.8 percent, and the line, "Forced-air warming discontinued, joint infections reduced 74 percent."

A. Okay.

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Q. That -- and it's your study that's cited there, right?

A. Uh-huh.

Q. Do you -- you said people can do what they want with the data, but do you think that what you see here in Exhibit 13 is scientifically supported by your study?

A. In an observational sense, yes, it is, those are the numbers for the periods. This isn't the result of a randomized clinical trial. I don't know what constitutes sufficient data for marketing. A lot of people use data in different ways.

Q. Can you -- do you believe your study can in any way be used to support the conclusion that switching from Bair Hugger to HotDog will reduce surgical site infections?

MR. B. GORDON: Objection to form, asked and answered, calls for a medical conclusion.

THE WITNESS: There's observational data in here that shows a decrease in infection rates with the switch between devices, that is true, that is

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confounded with antibiotics.

BY MR. C. GORDON:

Q. It's also confounded with prophylaxis -- thromboprophylaxis?

A. Yes. It's observational in nature.

Q. And if you eliminate just those two confounders, there is no statistical -- statistically meaningful difference --

MR. B. GORDON: Objection to form.

BY MR. C. GORDON:

Q. -- between Bair Hugger and HotDog, right?

A. This is not a randomized clinical trial. I don't know what effect led to what.

MR. B. GORDON: Object to form, misstates his testimony.

THE WITNESS: This is

observational data.

BY MR. C. GORDON:

Q. Why do observational data? What's -- what's the purpose?

A. It's to identify trends that you may suspect in the data and bring it to question so someone can do a proper experiment further on, like a randomized trial.

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Q. Your trendline was just an arithmetic mean across 23 months --

A. Uh-huh.

Q. -- right?

What -- having gone through the exercise that you've gone through now to compare one time period, just the Rivaroxaban versus the no Rivaroxaban, would you agree that a trendline that shows an arithmetic mean across the -- that entire time period is pretty misleading?

MR. B. GORDON: Objection to form.

THE WITNESS: I would have liked to have added that to the effects here so it's more clear what that did over the time period. Having you make me drill into it a little more clearly like that and not treat it as just a confounder that, well, it's there, so you can't truly trust this, you know, I would have dug in a little deeper and put an effect in the table, I think.

BY MR. C. GORDON:

Q. And if you had done that, tell me what -- would that -- would you have been able to do

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a multivariate analysis with that, is that the right term?

A. I still don't think we would have. I think we would have presented it that we looked for this effect, saw nothing, we looked for that effect, saw nothing, oh, antibiotics had an effect, forced air had an effect, now we need to figure this out with a trial.

So you'd do this in a univariate fashion still with observational data, in my opinion.

Q. If you were to analyze the data factor -- taking into consideration antibiotics and the -- the Rivaroxaban, and -- and, in effect, factored those out, do you still think that there would -- even with observational data it would show a difference between Bair Hugger and HotDog?

MR. B. GORDON: Objection to form, misstates his earlier testimony.

THE WITNESS: I don't know. I would have to run a model. There's a period of time here which comes into play. This data, there's possibly not enough

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infections -- infections to do a multivariate analysis like that where it's properly powered, just kind of looking at this. I'm not so sure we'd be able to tease out the effect of multiple factors at the same time with a data set that has, you know, few infections like that over multiple cuts of variables. So that can be difficult. You'd have to try.

BY MR. C. GORDON:

Q. Well, you'd agree with me that what we just teased out with just those two -- two variables, the antibiotics and the anti-thrombophylaxis -- thromboprophylaxis, resulted in two periods that were pretty comparable in both in duration and in number of procedures, right?

A. Yeah. I'd like to add that to a table as a univariate effect and do further experimentation to see what led to what.

Q. One of my associates grew up in California.

A. Sure.

Q. And in his -- his fond young -- young childhood memory is his family going to

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Disneyland and his brother leaning over to him as they were driving to Disneyland and said, "Everybody who goes to Disneyland dies."

A. Okay.

Q. That's actually true, right?

A. All right. How is that relevant to this?

MR. B. GORDON: Object to the form of the question.

BY MR. C. GORDON:

Q. Well, you'd agree that it would be absurd to conclude from the fact that everybody who goes to Disneyland dies, that Disneyland has anything to do with people dying?

MR. B. GORDON: Object to form, calls for speculation, improper hypothetical.

THE WITNESS: I can't tell you from observational data if it's in change in device or if it's a change in antibiotics clearly, because other things are going on behind the scenes. This is a hypothesis. It's presented as such that there are these factors and if you compare the data in the way presented from here to here, you get that

ALBRECHT

effect.

I agree that an antibiotic effect would be nice to add to this graph and help explain the challenge a little more clearly that we're facing here.

BY MR. C. GORDON:

Q. Well, not just the antibiotic fact, but the anti-thromboprophylaxis fact, right?

MR. B. GORDON: That's just blood thinner.

THE WITNESS: Yeah. And a clinician would have to tell you what's relevant. I mean, you could put a lot of things in here too and say, Well, Larry was mopping the floors in this room for these days and that, and you can make this data so high dimensional you'll find all sorts of things that relate.

But I agree that the antibiotic piece is a real thing and some kind of an effect here, univariate effect presented in the same way as the other effects would be nice to have.

BY MR. C. GORDON:

ALBRECHT

Q. Were you ever made aware that at the beginning of the Bair Hugger period the laminar airflow system in one of the Wansbeck operating theaters was not functioning properly?

A. Not that I recall. I may have or may not, I don't know.

Q. Were you ever made aware of the fact that in 2008 and 2009 the Northumbria Trusts were repeatedly advised by the National Health Service that their SSI rates for orthopedic procedures made them a high outlier compared to other trusts in the -- in the UK?

A. I had heard they were having infection problems, I was not sure of the details.

Q. Did anyone ever tell you that as a result of those infection problems, they instituted a wide range of infection controlled procedures?

MR. B. GORDON: Object to form, lack of foundation, calls for speculation.

THE WITNESS: No, I don't know the exact procedures they implemented.

BY MR. C. GORDON:

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Q. Do you know any of them?

A. Well, we have a couple here, they are antibiotic changes. I'm not the clinical expert and I'm not close enough to this to know exactly what's going on behind the scenes at the hospital. You know, I really -- I'm unsure of what has happened.

Q. And -- and I know this is -- it is several years later, so I'm not expecting you to have a clear memory, but as a statistician doing this analysis, would it have been important to you to -- to know that in December of 2008 the Wansbeck -- or the Northumbria Trust formed a committee specifically to develop ways to address the -- this outlier status of high infection rates?

MR. B. GORDON: Objection to form, calls for speculation, outside his expertise. He said he doesn't have the clinical background to answer.

THE WITNESS: This highlights the need for randomized studies of these things, so background factors like you're bringing up aren't confounded with the results we see.

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BY MR. C. GORDON:

Q. Were you aware that during the Bair Hugger only period the -- they changed the surgical dressings that they used to a particular type of dressing that Mike Reed had believed, based on randomized clinical controls, reduced infection rates by about two-thirds?

A. I don't recall that detail.

Q. Would that have made any difference?

MR. B. GORDON: Objection to form.

THE WITNESS: I think details like that could have made it into the discussion about the other things that are confounding factors. Again, it's observational. None of these things are causative.

BY MR. C. GORDON:

Q. Is -- is there a point in time where all the observational data, or whatever observational data you're presenting, are confounded by so many cofounding factors that there's no point in drawing -- even presenting observational data?

MR. B. GORDON: Objection to form.

THE WITNESS: There's kind of an

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art to that in publications. If you have some data and even if it might be wrong or it might not tell the truth -- not the truth, but tell the picture that's really underlying, right, sometimes you've presented in the hopes that you can get other people looking at it and that people can help explain the story.

BY MR. C. GORDON:

Q. And what -- what is -- what is the story that you told in this paper?

A. Well, it's not exactly a story, but it's a connection of a couple of research -- research hypotheses, one of which is, you know, is there any kind of disruption to the airflow in the ventilation theater.

And then the other part is, well, if we're going to look at that and we have an effect of something that does that, you know, demonstrated here, is there a change in infection data that coincides with that. And so it had a focus like that, because we want to look and ask those direct questions that are linked.

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Q. And the reasonable conclusion from people just reading that paper is that they are linked, right?

A. Well, it's a research article and it's an observational study, the data is. I believe -- let's see if we call it the need for a randomized clinical trial here. We may have well commented on that in the discussion. (Reviews documents.)

And there have been national studies that look at the effect of, you know, airflow and cleanliness in relationship of ventilation to improved outcomes, and that's kind of the piece that ties into this and why we're looking at this question, because we have something that we observe to disrupt airflow and we want to see if there was a change in infection period over that time given we had a device with some kind of mechanism that may or may not have done something to infection rates. It's a logical link to try and ask this question and see if there's a change.

Q. And now that we've gone through this

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exercise, do you think if you had presented the data that would -- that showed that the infection rate when Bair Hugger was -- was used with the same antibiotics and the same anti-blood clotting regimen has -- in the HotDog period, there was no statistically significant difference between the infection rates, do you think that would have changed the -- the impact that this -- this paper would have had?

A. I wouldn't have done a multivariate analysis as you suggest there off the cut. I would have added the antibiotic effects to this table of univariate effects and left someone with the observational data to do some of their own thinking.

Typically, in an observational study, doing multivariate adjustments can be kind of tricky and you tend to stay away from them and use one test at a time just to kind of say, hey, is there a trend or not, does that trend look significant, I don't know what caused it.

So we'll just look at one trend a

ALBRECHT

time to kind of screen things that you're looking for, and that's all you're left with is a screening, well, is it associated or is it not, you don't know if it's the cause. So I don't know if it's the device, if it's antibiotics.

Q. If you had presented the analysis of antibiotics and -- and you keep saying antibiotics and I want to make sure that you --

A. And blood clotting.

Q. Okay. That's what I thought.

Whatever thought someone might have reading the paper as it exists now as to whether it's the device or something else, would you agree that if you had presented the information that we just went through about antibiotics and blood clotting, that the thoughts about the likely answers to that question might be different?

MR. B. GORDON: Objection; calls for speculation and invades into an area of medical expertise that he doesn't possess.

THE WITNESS: From a statistical

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point of view, it would have identified two clear effects that probably need deeper investigation that do call into question, you know -- it highlights the fact that it's observational data.

BY MR. C. GORDON:

Q. And it would have made it a lot harder for anyone to --

A. They still could have done that if they wanted to, because the effect would be listed here along with the other two effects, and that's their interpretation of the research.

Q. You're the statistician on -- on this project. Do you believe that Exhibit 13, the representations there, is an accurate representation of what your research concluded?

MR. B. GORDON: Objection; asked and answered already.

THE WITNESS: The rates and the decreases are accurate and line up with what's in the paper.

MR. B. GORDON: Same answer you got last time.

ALBRECHT

And, Corey, I don't want to cut you off, you probably got some more left, if -- if you happen to be getting close to a stopping point, if we're going to quit anyway --

MR. C. GORDON: Yeah, let --

MR. B. GORDON: -- this would allow me to make my flight. It's up to you.

MR. C. GORDON: I'm going to do one more thing, because I did promise you I would do that.

(Whereupon, Exhibit 14 was marked for identification.)

BY MR. C. GORDON:

Q. I'm going to show you Exhibit 14. And can you -- can you identify the person on the left in the --

A. Yeah.

Q. -- what look like surgical scrubs?

A. Yeah, Reed.

Q. That's Dr. Mike Reed?

A. Yes.

Q. Do you know any of the other people in the picture?

ALBRECHT

A. Not off the top of my head.

Q. And you were -- you were at Dr. Reed's hospital in England, right?

A. Yes, I was.

Q. Okay. Do you see that chart on the wall there behind -- behind these four people?

A. Yeah, I can roughly make it out.

Q. Can you --

A. Yup.

Q. Can you -- even with my old tired eyes it looks like --

A. Yeah, no, I'm reading it.

Q. -- "Trust wide surgical site infection intervention timeline for orthopedic lower limb surgery combined." Do you see that?

A. Yes, I do.

Q. Do you recall seeing that chart or anything like that either on the wall when you were there or in printed form?

A. I don't recall. I don't recall.

Q. Okay.

A. I wasn't looking for it if I had.

Q. Okay. And would that -- well, strike that. Do you see that -- that blue line

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that goes down, up a little bit --

A. I do.

Q. -- and then goes down? Would you agree that that conveys more information about what might have been happening in terms of SSI trends than an average -- an arithmetic mean average of SSI rates over whatever that time period is?

MR. B. GORDON: I'm going to object to the fact that you can't read anything on this except for the very first top line. I have no idea what you're talking about.

THE WITNESS: I understand the trendline and the series of events that follow with it that are showing on the graph. And from a graphic like this, one can look at a trendline from their eye on the top, it's hard to see on the bottom what's going on, though, in terms of the data.

I don't know. If you group everything at a very small granular level, things get kind of wonky too up and down. I think that adding to this paper those other

ALBRECHT

two effects would be reasonable, but other than that, I don't know if I would change anything based on that.

BY MR. C. GORDON:

Q. Well, I -- and I -- to Mr. Ben Gordon's point, you can't tell what those interventions --

A. It's observational data too. None of these are tested interventions. And because the rate went down may not be due to the fact that that happened there, and that's the devil of the details with these kind of things, they're observational. You don't know if that did it or something else, so, really, you need that randomized trial. And this data suffers from the same problem, it is observational. It is not controlled in a randomized trial.

Q. When did you first meet Andrew Legg?

A. It would have had to have been in the UK when I was there. I don't think he was stateside when I first met him. I think it was correspondence by e-mail maybe.

Q. How did you first get in touch with him?

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A. Similar to McGovern and Paul, I'm sure it would be that same channel. So it was either through Scott Augustine, maybe David Leaper. I'm not sure who kind of hooked us up.

Q. And you went to Sheffield where --

A. Yes.

Q. -- where he was, right?

A. Uh-huh. Yes.

Q. And you met Dr. Hamer as well?

A. Yes. I don't remember if I shook his hand or if I just met him over e-mails.

Q. Okay. But you and Legg collaborated on -- on research involving forced-air warming?

A. We did. I was not a listed author in those studies.

Q. And by, "Those studies," I just want to be clear, there's Legg and Hamer, and then there's Legg, Cannon and Hamer.

A. Yes.

Q. You collaborated on both of those, right?

A. I collaborated, I believe, on one of the two. You'd have to show me the studies so I can look at the setup on them, if you have them. I could tell you then which elements I was

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involved in and not. We did provide them with some research materials.

Q. And -- in the interest of time, I'm not going to looking for them so we can delay this, but did the -- well, strike that.

MR. C. GORDON: We'll suspend for now.

MR. B. GORDON: Okay. We're going to reserve questions for another day. Thank you very much.

MR. C. GORDON: Do you want to try and schedule now or --

THE WITNESS: Yeah, I think now would be best just so we know.

THE VIDEOGRAPHER: We're going off the record at 3:11 p.m.

(Whereupon, the foregoing deposition adjourned at 3:11 p.m.)

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DEPOSITION CORRECTION SHEET

TITLE: In Re: Bair Hugger Forced Air Warming Products Liability Litigation

WITNESS: Mark Albrecht

PAGE LINE DESIRED CHANGE

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I, Mark Albrecht, have read this deposition transcript and acknowledge herein its accuracy except as noted:

Witness Signature

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STATE OF MINNESOTA)

) ss

COUNTY OF ANOKA)

Be it known that I took the foregoing deposition of Mark Albrecht, Volume 1, on October 7th, 2016, in Minneapolis, Minnesota;

That I was then and there a notary public in and for the County of Anoka, State of Minnesota, and that by virtue thereof, I was duly authorized to administer an oath;

That the witness was by me first duly sworn to testify to the truth, the whole truth and nothing but the truth relative to said cause;

That the foregoing transcript is a true and correct transcript of my stenographic notes in said matter;

That the witness reserved the right to read and sign the transcript;

That I am not related to any of the parties hereto, nor interested in the outcome of the action;

WITNESS MY HAND AND SEAL this 19th day of October, 2016.

Amy L. Larson, RPR
My Commission Expires 1/31/2020

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UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA

In Re:

Bair Hugger Forced Air Warming
Products Liability Litigation

This Document Relates To:

All Actions

MDL No.
15-2666 (JNE/FLM)

VIDEOTAPED DEPOSITION

OF

MARK ALBRECHT

VOLUME 2

Minneapolis, Minnesota

Saturday, November 12th, 2016

Reported by:

Amy L. Larson, RPR

Job No. 115236

ALBRECHT
 APPEARANCES:
 ON BEHALF OF 3M:
 COREY GORDON, ESQUIRE
 PETER GOSS, ESQUIRE
 BLACKWELL BURKE
 431 South Seventh Street
 Minneapolis, MN 55415

FOR THE PLAINTIFF:
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 Minneapolis, MN 55404

ALSO PRESENT: Kraig Hildahl, Videographer

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 2/14/12 E-mail Chain
 Subject: Well, I wish I had better news on
 the 3M situation
 Bates Albrecht_0013733 - Albrecht_0013735

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 Subject: Bit of a wild ride with the job
 search
 Bates Albrecht_0016535

Exhibit 21.....263
 May 2012 E-mail Chain
 Subject: Well, let's see if the fish bites on
 this (although, I'm not sure I want to do the
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 Subject: Manuscript for British
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ALBRECHT

THE VIDEOTAPED DEPOSITION OF MARK ALBRECHT,
VOLUME 2, taken on this 12th day of November,
2016, at the Law Offices of Blackwell, Burke, LLP,
431 South Seventh Street, Suite 2500, Minneapolis,
Minnesota, commencing at approximately 9:05 a.m.

P R O C E E D I N G S

THE VIDEOGRAPHER: We're on the
record. This is the start of tape labeled
number 1, volume 2 of the videotaped
deposition of Mark Albrecht In the Matter of
In Re: Bair Hugger Forced Air Warming
Products Liability Litigation filed in the
U.S. District Court for the District of
Minnesota, case number 15-2666 (JNE/FLN).

This deposition is being held at
Blackwell & Burke Law Firm in Minneapolis,
Minnesota on November 12th, 2016. The time
is 9:06 a.m. My name is Kraig Hildahl, I'm
the legal video specialist from TSG
Reporting, Incorporated. The court reporter
is Amy Larson also in association with
TSG Reporting.

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ALBRECHT

Will counsel please introduce
themselves for the record.

MR. ASSAAD: Gabriel Assaad on
behalf of the plaintiff.

MS. ZIMMERMAN: Genevieve
Zimmerman for the plaintiffs.

MR. COREY GORDON: Corey Gordon
for the defendants.

MR. GOSS: Peter Goss for the
defendants.

MR. COREY GORDON: Okay.

THE VIDEOGRAPHER: Will the court
reporter please swear in the witness and then
we can begin.

MR. COREY GORDON: Well, he's
been -- he's still sworn in, but go ahead.

MARK ALBRECHT,
a witness in the above-entitled action,
after having been first duly sworn, was
deposed and says as follows:

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ALBRECHT

E X A M I N A T I O N

BY MR. COREY GORDON:

Q. Good morning, Mr. Albrecht.

A. Hello.

Q. We're going to finish up your deposition that
we started a couple of weeks ago.

A. Okay.

Q. Let me start out by showing you two documents
that I've marked as Exhibits 15 and 16.

A. Okay.

(Whereupon, Exhibit 15 and
Exhibit 16 was marked for
identification.)

BY MR. COREY GORDON:

Q. And could you just briefly tell -- tell us
what these two documents represent?

A. Yeah. These are an agreement between myself
and the employer for funding graduate school.
One is for an MBA at the Carlson Business
School, and the other is for a Ph.D. program,
but we ended up rolling that to be a master's
in statistics instead.

Q. So the dollar figures in Exhibit 16 that
refer to the Ph.D. program, year one, year

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two, year three --

A. Yup.

Q. -- how did that change when you changed to a
master's in statistics?

A. It was similar. I think the all-in cost for
the master's came 20 to \$25,000. I think it
was 20,000.

Q. Okay. And that was Augustine Biomedical that
was agreeing to pay for your graduate
program?

A. Yup, and they did.

(Whereupon, Exhibit 17 was
marked for identification.)

BY MR. COREY GORDON:

Q. And then I'm going to show you Exhibit 17,
and this is a document from -- is that
March 1st, 2012?

A. That looks correct.

Q. Okay. And this -- the promissory notes that
Exhibit 17 refers to, those would be
Exhibits 15 and 16; is that correct?

A. That looks correct, although, this one here
for the Ph.D. program, I do not recall if we
made a different set.

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Q. Okay. If you -- if you had made a different set, would that have been something you still would have had copies of?

A. Yeah. And I -- that's true, I would have submitted all that, so this must be it.

Q. Well, I might have missed it too. I was noticing that sequentially in your Bates numbers there seems to be a -- I don't have Bates number 10.

But in any event, just tell -- tell me the circumstances under which the Exhibit 17 came into being, why -- why was this --

A. So why did I resign?

Q. Well, is -- so -- well, I guess maybe that's the answer. This was prompted by your resigning from Augustine Biomedical?

A. I did resign, yes.

Q. Okay. And when was that?

A. It should have been the date on the document, I would imagine. So 3/1/12, thereabouts, maybe a week before or two.

Q. And why did you resign?

A. They had cut our pay. They were on hard

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times and I had to go find gainful employment elsewhere.

Q. Okay. Now, looking back at Exhibits 16 -- 15 and 16, it looks -- there's -- in each case there's a paragraph 10 that refers to termination as a result of reduction in force unrelated to causes --

A. Uh-huh.

Q. -- and then the amounts are being forgiven. So was your -- your -- your leaving in 2012, was that considered a reduction in force or just a voluntary --

A. It was -- I never had employment more involved, but we went from 40 hours a week to 32 being paid, so that probably doesn't constitute, although I don't know, I am not an employment lawyer.

Instead, we thought, or at least I thought, that it would be easier to work out an agreement, and so the MBA business loan, I've been there long enough that that was forgiven.

And then the outstanding for the \$21,000 that you see here for the master's

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program, that was still on the table, so to speak, and so we worked out something that worked for both parties.

Q. And the -- the workout for you to repay the -- the value of the 21,000 or so, is set forth in paragraph 5 of Exhibit 17; is that right?

A. Correct.

Q. And that was for you to complete the successful application of three research projects; is that right?

A. Yes.

Q. And one was -- the first one was the Belani that was at that time under review by the Anesthesia & Analgesia Journal?

A. Correct.

Q. And that -- that you had published?

A. I believe so, yes.

Q. The second one was the Reed, et al., published -- being reviewed by the AANA Journal, right?

A. Yup.

Q. And that also got published?

A. It did.

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Q. But the third one is something that -- strike that.

The third one is -- references an article by Barnett, et al., that reports deep joint infection from Ridgeview Hospital in Waconia?

A. Uh-huh.

Q. Did that ever get published?

A. It never ever really got constructed, so that was something where the employer thought about doing this and had discussed some agreements with some physicians. I wasn't that deeply involved in this one. And just it never really came to be.

Q. Okay. So where it says, "The data needs to be compiled and analyzed," as far as you know you -- well, from -- you weren't involved in actually compiling or analyzing any data then from --

A. Not for this direct study that's listed here. I did update, for example, some of the infection data, as you've seen in e-mails, after my time there.

Q. You're talking about the McGovern study?

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A. Yeah, the one that we had talked about last time. So augmenting the data, for example, things like that.

Q. And we'll talk about that in more detail.

But other than this reference to -- in Exhibit 17 to this Barnett, et al., Ridgeview Hospital, have you -- do you recall any other discussions or involvement in anything related to that project?

A. If it's defined as something else, I don't know, this is a while ago. My memory on stuff like this where it doesn't get executed, put into a publication, I have a hard time giving anything that's really accurate here. If we have some documents that we could look at, maybe I could help you out. I don't know if you have anything.

Q. Well, we'll see if anything relates to that. Did -- did you have any discussions with -- with Scott Augustine that, you know, Hey, this Ridgeview project never went anywhere, so instead of that I'll do this or --

A. I've given him help analyzing other data and completing other data from, for example, Reed

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and McGovern at times to kind of compile statistics. So we've kind of done that in place flexibly of this Article C.

Q. At this point do you consider your obligations to Augustine Biomedical to be under the agreement to -- in Exhibit 17, are those complete now?

MR. ASSAAD: Objection to form.

THE WITNESS: I don't know. It's hard to say.

BY MR. COREY GORDON:

Q. Is it -- well, at this point do you feel -- do you believe you still have any continuing obligation to Augustine Biomedical to do any work for them in satisfaction of your repayment of the promissory notes for your educational expenses?

MR. ASSAAD: Objection to form.

THE WITNESS: If asked, I would have to deal with that bridge at that time. I -- it's a gray area. I don't know. Depending on what would be asked.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

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Q. Let me show you Exhibit 18.
(Whereupon, Exhibit 18 was marked for identification.)

BY MR. COREY GORDON:

Q. And if you could help me out here, I'm trying to understand, this is a -- a conflict of interest for the Anesthesia & Analgesia Journal, right?

A. Yeah.

Q. And it lists the first author as Gauthier.

A. Okay.

Q. But I'm not sure what that refers to.

A. I don't know.

Q. If you look at exhibit -- in the pile there's the exhibits from the last -- the first day of your deposition, and I think Exhibits 4, 5, 6, 7, 8 and 9 are documents we've previously marked that you had identified as publications on which you are identified as a coauthor.

A. Okay.

Q. And the only Anesthesia & Analgesia one I see is Exhibit 7.

A. Excuse me. Okay.

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Q. So I'm -- was -- is there some other publication for Anesthesia & Analgesia where Robert Gauthier was the first author?

A. I don't believe so. This may be a form that was never submitted to the journal too. I'm unsure where this came from.

Q. And the -- the title, "Forced-Air Warming, An Evaluation of Laminar Operating Room Ventilation Disruption," I -- again, I don't see any -- any of the ones that -- that have been published that has that same title.

A. Uh-huh.

Q. So you -- but you can't help me out on -- is -- do you -- do you have any recollection that at one time Dr. Gauthier was going to be an author on a publication that ended up being Exhibit 7?

MR. ASSAAD: Objection to form, lack of foundation.

THE WITNESS: I don't know. We have a lot of discussions with physicians when we're planning these, and sometimes we start a manuscript and stop it and then we brand some of the data and put it in

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something else and reform it. I have a hard time answering that, I'm unsure.

MR. COREY GORDON: Okay.
(Whereupon, Exhibit 19 was marked for identification.)

BY MR. COREY GORDON:

Q. Now I'll show you Exhibit 19. This is a series of e-mails back and forth between you and Christopher Nachtsheim; is that right?

A. It looks that way.

Q. And he -- he was a professor of yours at the University of Minnesota; is that right?

A. He was.

Q. And these look like they're all taking place in February or so of 2012. Is that -- were you a student at that time?

A. Probably not. I probably graduated at that time.

Q. Okay. And this is -- it's just a little bit before the -- the March promissory note document that we looked at before, but it appears that -- from this that you were already gone from Augustine Biomedical; is that right?

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A. No. 3M had given me a job offer in a staff-related position. I had explained to the folks all my conflicts upfront, and they were going to extend the offer and they even told me to put in your two weeks, and I said, nope, I'm going to wait for your legal to clear, and thank God I did that.

Q. So you were still employed by Augustine as of --

A. Yeah.

Q. -- March 14th, 2012?

A. Yup.

Q. Okay. And Dr. Nachtsheim, or Professor Nachtsheim, says -- said to you in the middle of the first page, "I'm presuming you couldn't get the noncompete removed by Scott"; do you see that?

A. Uh-huh.

Q. What was that a reference to?

A. My current -- it was a reference to the 3M lawyers reviewing my noncompete with Augustine and decided that they didn't want to take on any of the legal challenges of having me work in that organization.

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Q. But what -- what -- what's your -- what was your understanding of what the noncompete referred to?

A. Patient-warming products.

Q. Okay. Are you -- I mean, I'm sorry, maybe I'm being obtuse.

Are -- did you -- do you understand that there was some contractual obligation that you had to Augustine that precluded you from doing certain work that could potentially be competitive with what --

A. Yeah.

Q. -- you had done when you were there?

A. Oh, absolutely.

MR. ASSAAD: Objection to form.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And when -- when you say to Professor Nachtsheim, "No, he wouldn't go for that, I'm as certain about that as I am about death and taxes," was that referring to the noncompete?

A. Yes.

Q. And why were you certain that he would not remove the noncompete?

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A. It's speculation on my part. I never asked him. I don't know. I was in a place of frustration with this e-mail. I got offered a board job that was in a Six Sigma group that had no relation to patient warming, and they were okay with me not working on patient warming or any related products for the duration of my noncompete, and we had talked about that during my interview. So all the parties thought this shouldn't be an issue. I was told by the internal 3M folks that, Hey, we don't see this is going to be an issue at all, yet it was. So here is a little frustration that's captured in the e-mail.

Q. And even though you were -- it was a completely unrelated at a part of 3M that had nothing to do with patient warming --

A. I believe that, yes.

Q. -- you were certain that Scott Augustine would not agree to waive the noncompete agreement to allow you to work for 3M?

MR. ASSAAD: Objection to form, misstates prior testimony.

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THE WITNESS: I don't know. I never asked him. Again, this is me venting.

MR. COREY GORDON: Okay.

THE WITNESS: That's speculation on my part.

(Whereupon, Exhibit 20 was marked for identification.)

BY MR. COREY GORDON:

Q. Let me show you Exhibit 20. This is an e-mail -- well, I guess it looks like a couple of e-mails to you from Paul McGovern; is that right?

A. It appears that way.

Q. And Paul McGovern would be the -- the first author on the McGovern study that we previously marked as Exhibit 8; is that right?

A. Yes.

Q. Now, in the first e-mail, the one from February 21st at 5:52 p.m., you told Dr. McGovern that you had accepted a job at the National Marrow Donor Program; is that right?

A. Yes.

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Q. This was roughly a week or so after the exchange with Nachtsheim that we just talked about that -- after you had learned that you couldn't take the job at 3M because of the noncompete; is that right?

A. Say that one more time. I was just reading this, I was distracted.

Q. That's okay.

This is just -- this is about a week after the Nachtsheim e-mail where you had --

A. Yeah.

Q. -- you were venting, as you said. So in that intervening week apparently you got the job at the National Marrow --

A. I continued the job search and circled back to when I had shut down, yeah.

Q. Now, at the very -- very bottom of your -- the first e-mail on Exhibit 20, you say to Dr. McGovern, "Also, you don't know the company I accepted an offer with, if Scott asks, just said I took a bioinformatics person. I can't share that information until I start or I risk him placing an angry phone call trying to spoil it. Trust me, it's not

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above him."

Why did you ask Dr. McGovern not to tell Scott Augustine where you had accepted an offer if he talked to him?

A. Because the offer hadn't gone through yet and I didn't have all the pieces in place where I had signed an offer letter.

Q. Well, why did you think that there was a risk that Scott Augustine would place an angry phone call to spoil it?

A. Well, you know, at this time we have yet to have gone through any of resolving promissory notes or details like that, so -- you know, again, this probably could have been done with a little more tact, but this is a personal communication that's intended to be private, yet, they never are when you do this, I'm learning that.

Again, it's speculation on my part.

I just -- there were some things hanging over my head with this, there were some conflicts that Scott obviously wouldn't want me to leave, and there were some pieces in play, as you show here, in terms of agreements that

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were made that I have to rework, so that's what that was about.

Q. Now, apparently, Dr. McGovern had provided a reference for you for your --

A. He did.

Q. -- job search?

And he -- in this exchange of e-mails on Exhibit 20, he asked you if Scott Augustine was aware that Dr. McGovern had provided a reference for you, right?

A. No, I did not tell Scott that McGovern provided a reference at that time.

Q. Right. And Dr. McGovern was asking you if you had told Scott -- or if Scott was aware that Dr. McGovern had provided a reference for you?

A. He did ask, yes.

Q. And you told him that Scott did not know that Dr. McGovern provided a reference and you asked Dr. McGovern to, "Just play dumb"?

A. Yeah, those are the words there.

Q. Why did you not want Dr. McGovern to disclose to Dr. Augustine that he had provided a job reference for you?

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1 A. Because I had not yet accepted an offer and
2 things are still at risk.
3 Q. And what was it that you thought was at risk?
4 A. You don't want your current employer to know
5 that you're looking for a job until you've
6 accepted one, so that's what I think is a
7 risk. You risk losing your job.
8 And, again, this is a little
9 frustration, venting too, in these e-mails,
10 and it's not as tactful as I could be.
11 Q. Were you afraid that Dr. Augustine would be
12 vindictive?
13 MR. ASSAAD: Objection to form,
14 calls for speculation.
15 THE WITNESS: No, it didn't turn
16 out to be that way, he was very reasonable.
17 And when you haven't dealt with something,
18 you assume the worse. And we actually were
19 able to come to an amicable agreement.
20 MR. COREY GORDON: Okay.
21 (Whereupon, Exhibit 21 was
22 marked for identification.)
23 BY MR. COREY GORDON:
24 Q. I'll show you Exhibit 21. The very top
25

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1 e-mail is to a TAA [sic] Albrecht. Who is
2 that?
3 A. That is my brother Tom, it looks like.
4 Q. Okay. Okay. And what does the subject line
5 mean, "Well, let's see if the fish bites on
6 this, although I'm not sure I want to do the
7 work even for big," dollar sign dollar sign?
8 A. Let me read through the e-mail first --
9 Q. Sure.
10 A. -- and then I will comment on that, please.
11 (Reviews document.)
12 Honestly, I'm not sure what I meant
13 by that.
14 Q. Okay. Well, at the time of -- well, at least
15 as of May 2012, you were already gone from
16 Augustine, right?
17 A. That would appear to be correct.
18 Q. And you had already worked out the deal on
19 the promissory note --
20 A. Yup.
21 Q. -- correct?
22 So if you look at the earlier
23 e-mails, there's -- there's -- there's an
24 exchange between you and Dr. Mike Reed, one
25

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1 of the coauthors on a couple of the papers,
2 right?
3 A. Correct.
4 Q. And the more recent one from Reed May 19th,
5 2012, to you with a carbon copy to
6 Scott Augustine asks for your help in seeing
7 if there's been any change in the -- since --
8 in the data you examined, the McGovern study,
9 the Exhibit 8, right?
10 A. Uh-huh.
11 Q. And this -- and Dr. Augustine forwarded this
12 to you and was asking you if you could help
13 out in analyzing the additional data,
14 correct?
15 MR. ASSAAD: Object to the form of
16 the last question.
17 BY MR. COREY GORDON:
18 Q. You know, actually, I'm going to withdraw it
19 and -- because I realize it was probably a
20 little bit confusing without this.
21 (Whereupon, Exhibit 22 was
22 marked for identification.)
23 BY MR. COREY GORDON:
24 Q. Let me show you Exhibit 22. And the -- much
25

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1 of the earlier e-mail chain is the same, but
2 on Exhibit 22 if you look at -- in the middle
3 of the first page there's a -- a May 4th,
4 2012, e-mail from Augustine to you asking
5 you, "How much are you charging for a day's
6 work"; do you see that?
7 A. Say that one more time. Sorry. Okay, "Mark,
8 How much are you charging for a day's work,"
9 got it.
10 Q. And if you look below that, it looks like
11 it's essentially the same or a good part of
12 the same e-mail chain in Exhibit 21?
13 A. Yes, it does.
14 Q. And you had -- well, strike that.
15 So Dr. Augustine -- it was your
16 understanding that Dr. Augustine was asking
17 you to do some additional work on the more
18 recent Reed/McGovern data, correct?
19 A. Yup.
20 MR. ASSAAD: Objection to the
21 form.
22 BY MR. COREY GORDON:
23 Q. And you forwarded this to your brother at --
24 on the same day at about, well, three minutes
25

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after you got it from Dr. Augustine. The subject line on that is, "Hook, line and sinker," right?

A. Correct.

Q. What did you mean by, "Hook, line and sinker"?

MR. ASSAAD: Objection to form.

THE WITNESS: That the work was available, it looks like.

BY MR. COREY GORDON:

Q. And why -- what does, "Hook line and sinker," mean?

A. It means that you'd have an ability to catch a fish and charge consulting dollars.

Q. Okay. And your brother's response to this in Exhibit 22 was, "Thinking of reeling it in or is this more of a catch and release day for you"?

A. Uh-huh.

Q. What did you understand him to mean by that?

MR. ASSAAD: Objection; calls for speculation.

THE WITNESS: Do you want the work or not.

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BY MR. COREY GORDON:

Q. And your response was to say, "Sadly, I'm not sure." And you say you're thinking of charging a higher rate, and, "If he goes for it fine, if not, whatever," right?

A. Yeah, I see that.

Q. And then you go on to say, "The only problem is that I don't trust him to pay me."

A. Uh-huh.

Q. Why did you not trust him to pay you?

A. Because when I left the company, it was having financial difficulties. So it's not a statement about him, it's about the state of the health of the company.

Q. So you were concerned that the company was in such dire financial straits that you might not end up getting paid for your work --

MR. ASSAAD: Objection to form.

BY MR. COREY GORDON:

Q. -- is that right?

MR. ASSAAD: Objection to form.

THE WITNESS: I don't know.

Again, I didn't have access to all that, but they did cut our hours.

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(Whereupon, Exhibit 23 was marked for identification.)

BY MR. COREY GORDON:

Q. I'll show you Exhibit 23. The very top part of this is an e-mail exchange -- or an e-mail -- well, e-mail exchange between you and Dr. McGovern; is that correct?

A. Yes, it is.

Q. And could you just generally summarize what the -- the general back and forth of this e-mail chain refers to?

A. Maybe you could help ask what you're looking for a little more clearly.

Q. Well, you recall that there was a -- a study that -- in which a Dr. Dan Sessler was one of the coauthors that addressed some of the issues related to the use of forced-air warming in laminar airflow rooms?

A. In a different viewpoint, yes.

Q. And there was -- and Scott Augustine was not happy about that, right?

A. In this e-mail here, he appears not to be.

Q. Is this -- do you recall independently of this e-mail that Dr. Augustine was upset

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about the Sessler study?

A. Upset is not the correct word, I don't think. I think he didn't agree with the methods in the data.

Q. Well, you said to Dr. McGovern in Exhibit 23 that, "The letter Scott sent is disturbing," right?

A. I did.

Q. What did you mean by disturbing?

A. It's an open research community, people are allowed to have a disagreeing opinion. I sometimes think he can take it a little too far.

Q. In fact, you went on to say, "He keeps attack" -- "attacking these people without cause," right?

A. I do.

Q. What -- what attack was he -- were you referring to?

A. Well, down in the e-mail below.

Q. The one that you just moments ago described as a difference of opinion and methodology?

A. Statements like, "Nonetheless, we will continue to publicly call it fraud," things

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like that seem a little over the top.

Q. Okay. And, in fact, Dr. Augustine was accusing Dr. Sessler of committing scientific fraud, right?

A. Those are his words, not mine. I'm not able to make that statement.

Q. Well, in this e-mail to Dr. McGovern you said, "Calling someone a fraud in public is not something to take lightly, particularly since it is just a disagreement in research opinion," right?

A. That is my opinion, possibly, of the e-mail, yes.

Q. So as of May 30th -- or May 20th, 2012, isn't it a fact that you were of the view that Dr. Augustine was calling Dr. Sessler a fraud in public?

A. This was an internal communication between myself and Paul. Scott Augustine is a controversial figure and he does push some buttons. I may have a little bit of hyperbole here, because this isn't in public necessarily, this is a closed discussion between a couple of individuals.

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Q. One of those individuals is somebody whose done a lot of -- or been involved in a lot of research funded by Dr. Augustine, right?

MR. ASSAAD: Objection. Object to the form.

THE WITNESS: In the past I'm aware that, yes, he has been funded by Dr. Augustine's companies that he's worked for.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And when you say it was a confidential communication, you and Dr. McGovern had developed a friendship by this point, right?

A. A rapport, yes.

Q. Okay. Well, and that's why you were able to ask him to not disclose to Dr. Augustine what your new job was or to confide -- or to share with Dr. Augustine that he had given you a reference?

A. He was a professional colleague --

MR. ASSAAD: Objection to form.

THE WITNESS: -- Dr. McGovern.

MR. COREY GORDON: Okay.

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BY MR. COREY GORDON:

Q. One you felt comfortable saying that the letter Scott sent was disturbing, right?

A. My opinion of it is yes, it is disturbing.

Q. Okay.

(Whereupon, Exhibit 24 was marked for identification.)

BY MR. COREY GORDON:

Q. I'll show you Exhibit 24. First of all, who is Thomas Neils?

A. He was a fellow employee I had worked with.

Q. At what company?

A. Augustine.

Q. Was he still as Augustine as of --

A. No.

Q. Okay. Where was he working in May of 2012?

A. Likely Medtronic, I believe.

Q. Okay. And on May 16th of 2012, at 2:46, you sent him a copy of the Augustine e-mail, an Augustine e-mail talking about the Sessler study, right?

A. I did.

Q. And you said that, "By the way, Scott also copied me on this about two days ago. He

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actually sent this to the doctors that do our research, Mike and Paul. How crazy is this." Did I read that correctly?

A. That's what's in the e-mail.

Q. Okay. And the Mike and Paul, that refers to Mike Reed and Paul McGovern; is that correct?

A. Correct.

Q. And what did you mean by, "Doctors that do our research"?

A. That we had worked with in the past at the company we had been employed at.

Q. Augustine?

A. Yes.

Q. So when you -- you as a former Augustine employee were writing to Thomas Neils, another former Augustine employee, and you were referring to Dr. Reed and Dr. McGovern as the doctors that, "Do our research," you were talking about doctors that do Augustine research, right?

A. We had worked with them in the past, that's what was meant by that.

Q. And by, "We," I just want to make it clear, it's not you and Mr. Neils, it's Augustine?

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A. Mike and Paul have been funded by Augustine to do research.

Q. And when you said, "The doctors that do our research," you weren't talking in this e-mail to Mr. Neils about doctors who do research for you and Mr. Neils, correct?

A. No.

Q. You were talking about doctors that do research for Augustine?

A. That we had been employed at in the past, yes.

Q. Okay. And what did you mean by, "How crazy is this"?

A. Well, again, this is kind of backdoor communications, but it's the -- and goes back to what you asked me before, that I find the letter a little bit disturbing and we deal with that. He's a controversial figure.

Q. Okay. And what did you understand Mr. Neils to be saying to you when he said, "Yes, there will be flames"?

A. I can't speculate.

MR. ASSAAD: Objection; calls for speculation.

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THE WITNESS: I don't know.

BY MR. COREY GORDON:

Q. Did you ask him what he meant by that?

A. No.

(Whereupon, Exhibit 25 was marked for identification.)

BY MR. COREY GORDON:

Q. Let me show you Exhibit 25. This is a document that was produced by you. It bears Bates numbers Albrecht_003353 [sic] through 0003361, and it has -- the title is, "A Critical Analysis of Forced-Air Warming Does Not Worsen Air Quality in Laminar Flow Operating Rooms," by Sessler et al., and the author appears to be Scott Augustine, M.D.

My first question is: Did you have anything to do with the drafting of this?

A. I'm unsure.

Q. Is it possible that you did?

A. Maybe elements of this, I don't know.

Q. Do you recall doing any work to analyze the Sessler study that's referred to in this in providing Dr. Augustine with your analysis of it?

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A. I may have. I'm unsure.

Q. Okay. Why don't you look through this --

A. There's a lot here.

Q. -- document and -- I agree -- see if you can identify anything that appears to be based in whole or in part on work you might have done.

A. (Reviews document.) Okay.

Q. Can you identify any areas that you think you would have had input in?

A. He may have asked me for information in respect to reviewing some of the ventilation standards possibly. It looks like some of the results of a couple of the studies here -- excuse me -- were a part of that.

Q. Let me direct you to the page that's marked at the bottom Albrecht_0003360.

A. Okay.

Q. Under the section, "Discussion," do you see that?

A. Yup.

Q. There's -- the first study that is discussed is the McGovern study that's -- we previously marked as Exhibit 8, correct?

A. I believe so.

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Q. Okay. And it talks about the -- the -- the part of the study addressing airflow ventilation disruption, but then in the next paragraph Dr. Augustine writes, "More important, forced-air warming was shown to cause a 3.8 times increase in deep joint infection rates." Did I read that correctly?

A. Okay.

Q. You would agree that the -- that the McGovern paper in which you were a coauthor, it did not show that forced-air warming caused a 3.8 times increase in deep joint infection rates, right?

MR. ASSAAD: Objection to form.

THE WITNESS: It was an

observational study, so whatever caveats come with that.

BY MR. COREY GORDON:

Q. Well, would you agree with Dr. Augustine's characterization of the study that you were a coauthor of that it found that forced-air warming caused a 3.8 times increase in deep joint infection rates?

MR. ASSAAD: Objection to form.

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1 ALBRECHT
 2 THE WITNESS: It depends on what
 3 you define as "cause." It was associated
 4 with.
 5 BY MR. COREY GORDON:
 6 Q. In your professional experience as a
 7 statistician dealing in the field of medical
 8 and biological issues, is there any
 9 difference to you between something that's
 10 associated with and something that causes?
 11 MR. ASSAAD: Objection to form.
 12 THE WITNESS: Yes, there is a
 13 difference between association and cause, and
 14 causation.
 15 BY MR. COREY GORDON:
 16 Q. And you were one of the coauthors of the
 17 McGovern study that's being characterized
 18 here. Do you agree with the characterization
 19 that your study found that forced-air warming
 20 caused a 3.8 times increase in deep joint
 21 infection rates?
 22 MR. ASSAAD: Objection to form.
 23 THE WITNESS: I would agree that
 24 it's associated with the 3.8 times increase,
 25 that's what the study would say.

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1 ALBRECHT
 2 a 3.8 times increase in deep joint infection
 3 rates."
 4 MR. ASSAAD: Objection to form,
 5 asked and answered.
 6 BY MR. COREY GORDON:
 7 Q. Is that a correct characterization or not?
 8 MR. ASSAAD: Same objection.
 9 THE WITNESS: It depends on the
 10 context. It's not causation, it's
 11 association.
 12 MR. COREY GORDON: Okay.
 13 BY MR. COREY GORDON:
 14 Q. I can't give you any more context on what
 15 Dr. Augustine's words are here. "Forced-air
 16 warming was shown to cause a 3.8 times
 17 increase in deep joint infection rates," is
 18 that, in your view as one of the coauthors of
 19 the study, accurate or not accurate?
 20 MR. ASSAAD: Objection to the
 21 form, asked and answered. Object to the
 22 preamble.
 23 MR. COREY GORDON: But you've got
 24 to move to strike it, Gabriel.
 25 MR. ASSAAD: I'm not moving to

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1 ALBRECHT
 2 BY MR. COREY GORDON:
 3 Q. So you would -- you would -- you would agree,
 4 then, that you did not conclude or show that
 5 it caused a 3.8 times increase in deep joint
 6 infection rates?
 7 MR. ASSAAD: Objection to form.
 8 THE WITNESS: We did not prove
 9 causation.
 10 BY MR. COREY GORDON:
 11 Q. So -- and you would agree that this statement
 12 by Dr. Augustine is a mischaracterization of
 13 the study on which you were a coauthor?
 14 MR. ASSAAD: Objection to form.
 15 BY MR. COREY GORDON:
 16 Q. Correct?
 17 A. It's speculation, because it didn't use the
 18 exact word "causation." If I were to look
 19 for association versus causation, I'd need to
 20 have that word, if you want me to be frank
 21 with you on statistical terms.
 22 Q. I just want you to be frank with me on
 23 whether you think that Dr. Augustine
 24 accurately characterized your study when he
 25 said, "Forced-air warming was shown to cause

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1 ALBRECHT
 2 strike it, I'm just objecting to it.
 3 THE WITNESS: "More importantly,
 4 forced-air warming was shown to associate
 5 with a 3.8 times increase in deep joint
 6 infection rates," that I would agree with.
 7 With what's written there, it seems a
 8 little -- I would have to say probably not,
 9 no.
 10 BY MR. COREY GORDON:
 11 Q. And -- and, in fact, you recall the exercise
 12 we went through at some length in your first
 13 deposition?
 14 A. Oh, yes.
 15 Q. The association between forced-air warming
 16 and infection rates maybe would not be very
 17 strong if you factored out the deep vein
 18 thrombosis treatment change?
 19 A. If you had reason to believe --
 20 MR. ASSAAD: Objection; asked and
 21 answered.
 22 THE WITNESS: If you had reason to
 23 believe that the standard of care was lowered
 24 for those patients in those areas, maybe. So
 25 it wasn't no thrombosis agent versus

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thrombosis agent, it was different kinds. It was not no antibiotic versus some antibiotic, it was different types.

BY MR. COREY GORDON:

Q. Well, you recall that we went through at some length at your last deposition and compared a period of time when the -- when the Bair Hugger forced-air warming unit was used with the exact same antibiotic regimen and the exact same anti-thrombosis -- thromboembolism medication --

A. Yup.

Q. -- as the HotDog only time period, right?

A. Yes.

Q. And you agreed that there was no difference in the rate of infection?

MR. ASSAAD: Objection to form, misstates prior testimony.

THE WITNESS: For those periods, yes.

BY MR. COREY GORDON:

Q. And, in fact, there was a huge difference when there was a different drug used for prevention of deep vein thrombosis during the

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Bair Hugger only period?

A. I don't know if it was due to that, but it was associated with that period where it was the same prophylaxis regimen, okay, on both terms there wasn't a difference, that's all I can say on the data.

Q. And the period where the -- there was a seven-month period where the hospital had switched to a different drug, Xarelto, and the infection rates during that period were significantly higher than they were before and after --

MR. ASSAAD: Objection to the form.

BY MR. COREY GORDON:

Q. -- right?

A. I don't know about before and after, but the period of higher infection rates were associated with the use of that drug you talk about, Xarelto.

Q. Okay.

A. Not caused, but associated.

Q. Right. Okay. Now, who were the -- who would you describe as the principal people involved

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in the McGovern study, Exhibit 8? There are seven authors listed.

A. Let me pull it up here. (Reviews document.) Everybody was heavily involved in this one.

Q. Heavily, okay. Did Dr. Belani go to England?

A. He did not.

Q. Okay. Did Dr. Nachtsheim go to England?

A. He did not.

Q. Did Dr. Nachtsheim even know about the study when it was being done?

A. Dr. Nachtsheim commented on the statistics of the study and reviewed them.

Q. Yeah, after it was all done and written up, right?

A. You'll have to define what you mean by "heavy involvement." Dr. Nachtsheim would be for statistical reasons. Different authors provide different perspectives.

Q. Did Dr. Nachtsheim have anything to do with the study -- design of the study before it was commenced?

A. I'm unsure.

Q. Okay. Did Dr. Belani have anything to do with the design of the study before it was

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commenced?

A. I don't recall.

Q. How about Dr. Partington, what was his role?

A. He was a surgeon in the UK and was heavily involved in the manuscript revision process, if I recall right.

Q. When you say, "Heavily involved," what did he do?

A. Himself, Paul and Mike went through -- or I should say Dr. Reed, Dr. McGovern and Dr. Partington and Dr. Carl Luke read through the study and worked through the clinical messaging and what the appropriate themes were based on the data.

Q. Okay. Who were the people actually in the operating room at -- where the bubble part of the study was done?

A. Sure.

MR. ASSAAD: Objection to the form.

THE WITNESS: It was myself, Dr. McGovern, Dr. Reed, I think that Dr. Partington and Carl Luke were present for part of it, if I remember.

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BY MR. COREY GORDON:

Q. Mr. Albrecht, wouldn't it be correct to say that you and Dr. McGovern and Dr. Reed were the principal people involved in designing, implementing and writing up the study in Exhibit 8?

MR. ASSAAD: Objection to form.

THE WITNESS: We contributed in our different areas. There was quite a bit of discussion between Partington and Carluke, if I remember right, so no.

BY MR. COREY GORDON:

Q. And you think Partington and Carluke were involved at the early design stages of this?

MR. ASSAAD: Objection to form.

THE WITNESS: I don't recall, because a lot of the design happened through the group talking over in England and thinking through the issues. These are very iterative in nature in how they get thought out and planned.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. Let's go back to Exhibit 25 --

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A. Okay.

Q. -- the same page we were looking at.

After the discussion of McGovern's paper he -- Dr. Augustine writes, "Similar infection reduction results were found at Ridgeview Medical Center, Waconia, Minnesota. These surgeons found that switching from FAW to air-free HotDog warming reduced their deep joint infection rate by 81 percent, 1.55 percent of .29 percent"; do you see that?

A. Yeah, I do.

Q. Now, the Ridgeview, Waconia, Ridgeview Medical Center, Waconia, that was one of the three projects that you had agreed less than two months before the Exhibit 25 is dated to review the data and participate in writing up a publication, right?

A. Correct.

Q. And that's -- that's the same one that you say you don't recall ever seeing the data, correct?

A. I may have. It's difficult without some documentation. It's a long time ago.

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Q. So between March 1st when you were -- agreed as part of your satisfaction of promissory notes to write up the study on Ridgeview, Waconia, and April -- this Exhibit 25 dated April 21st, 2012, where Dr. Augustine cites an 81 percent reduction in deep joint infection rates at Ridgeview Medical Center, Waconia, did you do any analysis of any data that would have formed the basis of -- of this 81 percent reduction claim?

MR. ASSAAD: Objection to form, lack of foundation.

THE WITNESS: I may have. I don't know. There are many different data sets we work with.

(Whereupon, Exhibit 26 was marked for identification.)

BY MR. COREY GORDON:

Q. I'm going to show you what I've marked as Exhibit 26. This is -- the front page is An e-mail exchange between you and Professor Nachtsheim; is that correct?

A. Yes.

Q. And in this you are saying, to

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Dr. Nachtsheim, "Here is a publication we will be submitting in a couple of weeks. I'm currently adding the references, but the material is done. The abstract will also be written this week. I'd be thrilled if you'd like to be a part of this. All you need to do is take a look at the stats and conclusions and provide some overview and guidance. Let me know if you are interested," right?

A. Okay.

Q. And the study that you were going to be submitting in a couple of weeks where the material was done, that's the McGovern study, right?

A. I'm assuming. I don't know.

Q. Well, why don't you --

A. I can't tell from this.

Q. Why don't you look at the attached e-mail chain and see if you can figure it out?

A. Okay. (Reviews document.) Yup, I would assume it is that paper.

Q. Okay. And, in fact, the title -- or the subject line, apparently, of the -- this

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exchange with you and Professor Nachtsheim is, "First publication I'd like to include you on"; is that correct?

A. Yes.

Q. So does this refresh your recollection as to when Professor Nachtsheim became involved in the McGovern paper?

A. In a detailed manner, yes, in terms of looking through the data with a statistical lens.

Q. After it was all done and written up, right?

A. Well, there's still time for revision on this.

Q. But he wasn't involved until you had already done the material and written it up for submission with two -- within two weeks, right?

A. Perhaps.

Q. Now I want to -- oh, before I go to that, have you had any contact with Dr. Scott Augustine since your -- the first day of your deposition?

A. Not to my knowledge.

Q. Have you had any contact with anyone

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currently employed by Augustine Biomedical?

A. Since the first day of my deposition?

Q. Since the first day of your deposition.

A. I had a phone call with Andreas just to say I was being deposed.

Q. Andreas Deibel, is it?

A. Yes.

Q. And what's his role at the company?

A. He at the time was running the research and development arm.

Q. Is he still employed by Augustine?

A. Yeah, at the time I called.

Q. You called him?

A. I did.

Q. Why did you call him?

A. Just to mention I was getting deposed.

Q. Oh, this was before your -- the first day of your deposition?

A. Yeah.

Q. Okay. You also had an exchange of e-mails with Dr. Augustine directly before your deposition, right?

A. I believe so.

Q. And we'll get to that, I just -- I -- I was

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focusing on the time since -- since your -- the first day of your deposition, I just want to -- it's your testimony that you had no contact with anybody connected to Augustine?

A. Employees with Augustine, no.

Q. How about Randy Benham?

A. I've not talked to Randy.

Q. Now, let's go back to Exhibit 26. And turn to page -- where at the bottom it's Bates-stamped Nachtsheim_0000447.

A. Okay.

Q. It looks like the top subject line is, "Infection Data Results"; is that right?

A. Yes.

Q. And the first part is an e-mail from you to Dr. Reed with carbon copies to Dr. McGovern, Professor Nachtsheim, Scott Augustine, T. Neils and Kumar Belani, right?

A. Correct.

Q. Why were you sending -- why were you copying Dr. Augustine on this?

A. Because he's a study sponsor, he's paying the bill.

Q. Well, in fact, Dr. Augustine reviewed and

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offered editorial input on all of the papers, right?

MR. ASSAAD: Objection to form, lack of foundation, assumes facts not in evidence.

THE WITNESS: He may have given his input on some areas.

BY MR. COREY GORDON:

Q. If you drop down to -- towards the bottom, there's an e-mail from Dr. Reed to you with a carbon copy to McGovern, Nachtsheim, Scott Augustine and T. Neils and Dr. Belani, right?

A. Yup.

Q. Okay. And Dr. Reed says, "The trans" -- "transfusion data is unreliable, I'm afraid. It just shows errors we are making in coding and billing. It is actually about 10 percent. I can get the reliable data, but it would take quite a lot of work. Likewise, I can get ASA grade, but possibly BMI by pulling the charts/notes. I suggest we don't do that, as I don't have the resource. What do others feel?" Did I read that correctly?

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A. Yes, you did.

Q. What -- what was Dr. Reed -- what did you understand Dr. Reed to be referring to when he was talking about transfusion data?

MR. ASSAAD: Objection to form.

THE WITNESS: This is one of those outside factors with observational data that he might want some information about.

BY MR. COREY GORDON:

Q. What did you understand the ASA grade to refer to?

MR. ASSAAD: Objection to form, lack of foundation.

THE WITNESS: I think that has something to do with their status prior to surgery, like how at risk they are, I believe.

BY MR. COREY GORDON:

Q. Is that a factor that you would consider in comparing two groups for surgical site infection rates?

MR. ASSAAD: Objection to form, lack of foundation, outside the scope.

THE WITNESS: Perhaps. I looked

ALBRECHT

at the clinicians for inclusion/exclusion criteria for these types of studies to make determinations on that.

MR. COREY GORDON: Oh, okay.

BY MR. COREY GORDON:

Q. Not your -- not -- not something that you have the expertise in, is that what you're saying?

A. In some areas, no.

Q. Okay. Jump to the next page. Towards the bottom you say to -- in an e-mail to Dr. Reed, "Mike, I do agree that it doesn't make sense for you to chase things when this is an addition to the paper." Do you see that?

A. Okay.

Q. What did you mean by, "This is an addition to the paper"?

A. I don't know.

Q. Could it be that the -- the original intent of the study was the airflow disruption issue and the bubbles and the looking at the -- the observational data using surgical site infection rates was a -- was the addition you

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were talking about here?

MR. ASSAAD: Objection to form, calls for speculation, lack of foundation.

THE WITNESS: It may have been, I'm unsure.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And you go on to say that, "You appear to have reliable data on the following predictors that might be of interest, COPD, hypothyroidism, hyperthyroidism, hypertension, preoperation days stay before surgery." Did I read that right?

A. Yeah.

Q. You go on to say, "I think we could make a case for hypothyroidism and hyperthyroidism as risk factors, but I'm less sure whether COPD or hypertension could be seen as reasonable. What do you think?" And then you can read the rest of it, but my -- my question is why would you have any idea whether COPD or hypertension or hyperthyroidism or hypothyroidism would be risk factors?

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A. From scanning comparable studies, I'm sure that's where that comes from. So you look at the design and the inclusion/exclusion criteria from other studies, so I'm making a list here, it looks like.

Q. Okay.

A. Now, whether or not I'm able to clinically interpret that is a different story.

Q. Now, if you drop down to the -- towards the bottom of this page, Dr. Reed replies to you and says, "I agree hypo and hyperthyroidism and COPD would be useful, but only if the list was more complete. I think it would highlight the fact that we don't have ASA data, obesity and transfusion. We should leave out." Did I read that correctly?

A. Yes, you did.

Q. So those are all factors that could impact the comparative data between two groups, right?

MR. ASSAAD: Objection to form, lack of foundation.

THE WITNESS: It's observational data. There's many confounders that could be

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present and those could be in the list.

MR. COREY GORDON: All right.

BY MR. COREY GORDON:

Q. Well, if you turn to the last page of this -- well, before you get to that, that's -- I guess the very bottom of the page before, Dr. Reed wonders "if we should Charlson score, that is generally what we use when we analyze this type of data nationally." Do you see that?

A. Okay.

Q. Okay. Now, Dr. Reed is the clinician that you're relying on, right?

A. He is.

Q. And he's saying, "Let's use the Charlson score, because that's what they use to analyze these data nationally," right?

MR. ASSAAD: Object to the form.

THE WITNESS: Say that one more time.

BY MR. COREY GORDON:

Q. Well, Dr. Reed is the clinician you're relying on for deciding what's an important comorbidity factor or comparative factor --

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A. We're having a discussion back and forth about what we should think about, yes.

Q. Well, you -- you said you relied on the clinicians, right, because that's not your area of expertise, right?

MR. ASSAAD: Objection to form, misstates prior testimony.

THE WITNESS: In terms of comparable studies, my area in these studies is typically to look at other study designs and see how they compare up, and so I have some opinion at times on what factors make sense and what don't, and I have a discussion with the clinicians about that.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. Well, in fact, your reaction to Dr. Reed suggestion of using the Charlson score was to say that, "It was an interesting idea, but we will probably get nicked, because Charlson score is an validated indicator of mortality risk, not infection risk," right?

A. Okay.

Q. And you go on to say, "I think we have enough

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given the data collection and accuracy constraints." Did I read that correctly?

MR. ASSAAD: Objection to form. You did not read that correctly.

THE WITNESS: "I think we have done enough given the data collection and accuracy constraints."

MR. COREY GORDON: I'm sorry, what did I say?

MR. ASSAAD: You said, "I think we have enough." You forgot the word "done."

THE WITNESS: "I think we have done enough."

MR. COREY GORDON: "I think we have" -- okay. Thank you.

THE WITNESS: Those are my words.

BY MR. COREY GORDON:

Q. And the data collection and accuracy constraints, that refers to the inability either because of resources or availability of information to collect relevant comorbidity data --

MR. ASSAAD: Objection to form.

BY MR. COREY GORDON:

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Q. -- right?

A. There were some constraints on what you can pull in, yes.

Q. And the accuracy constraints, what -- what does that refer to.

A. Well, I believe the accuracy constraints were what were highlighted above, right, "The transfusion data is unreliable, I'm afraid."

Q. Okay.

(Whereupon, Exhibit 27 was marked for identification.)

BY MR. COREY GORDON:

Q. I'll show you Exhibit 27.

A. Okay. Right here, (indicating)?

Q. Yes. That's an e-mail from you to -- well, it's an e-mail exchange between you and Keith Leland; is that right?

A. It appears that way.

Q. Who is Keith Leland?

A. I used to work with him at Augustine.

Q. And as of February 2014, was he still an employee at Augustine?

A. At that time, no.

Q. Another member of the Augustine alumni club?

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ALBRECHT

MR. ASSAAD: Objection to form.

THE WITNESS: Well, a lot of the places you work, you do have colleagues that you've worked with in the past.

MR. COREY GORDON: Sure.

BY MR. COREY GORDON:

Q. And the one thing I just want to ask you about on this, one you say in the last line of the first paragraph, "Just stay away from places with an \$UGUSTIN# in the building name."

A. Okay.

Q. What does that refer to?

A. There's some shared frustrations we had, I believe, working there at times.

Q. By "there" you mean Augustine?

A. Yes.

Q. So was -- I'm just -- was this, "\$UGUSTIN#," was that a typo or just avoiding typing up the full -- the full name Augustine?

A. I don't know, it's probably me trying to be clever and funny.

Q. So like Voldemort, he who should not be named?

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MR. ASSAAD: Objection to form.

THE WITNESS: No, it's just a joke.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And why were you joking to Mr. Leland that it would be good to stay away from places with Augustine in the building name?

A. Because we never -- I never had any equity in the company, he never got material equity in the company, so that's kind of the reason why.

Q. Let me show you Exhibit 28.

(Whereupon, Exhibit 28 was marked for identification.)

BY MR. COREY GORDON:

Q. Okay. This is a series of e-mails among Dr. McGovern, you, Dr. Reed, Scott Augustine, Brent Augustine, and Professor Nachtsheim, correct?

A. It appears that way.

Q. Say that again.

A. It appears that way, yes.

Q. Okay. First of all, who is Brent Augustine?

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A. Scott Augustine's kid.

Q. Did he have any involvement in any of the studies you did?

A. I believe he provided some of the graphics.

Q. Okay. And do you recall what the British Hip Society presentation was about?

A. Not off the top of my head, no.

Q. Let's see if this helps.

(Whereupon, Exhibit 29 was marked for identification.)

BY MR. COREY GORDON:

Q. I'll show you Exhibit 29 now. This is a document that at the top says, "Outline of BHS presentation." Does this appear to be the British Hip Society presentation referred to in Exhibit 28?

MR. ASSAAD: Objection; calls for speculation.

THE WITNESS: Why don't you give me a minute to read through this and I'll look at this and I can tell you.

MR. COREY GORDON: That would be fine. And if you wouldn't mind, let's go off the record.

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MR. ASSAAD: Actually, if he's going to review it, I want it on the record.

MR. COREY GORDON: Well, I need to go to the bathroom.

MR. ASSAAD: Let's go off the record. Don't review it until we get back on the record.

THE WITNESS: That's fine.

MR. COREY GORDON: Wait, wait, wait, wait, wait, wait a minute.

Mr. Assaad, are you representing him?

MR. ASSAAD: No, but he doesn't have to review anything on his own time. You have seven hours, and we're already at five hour -- five-and-a-half hours or six. You can't ask him to do functioning of a deposition off the record because you want more time for your deposition.

So he has a choice, he can do whatever he wants. I'm just saying that he doesn't have to look at anything off the record.

MR. COREY GORDON: I agree, he has

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1 ALBRECHT
2 a choice, he can do whatever he wants and --
3 THE WITNESS: I will be looking at
4 this on the record.
5 MR. COREY GORDON: That's fine. I
6 just want to point out, you know, sauce for
7 the goose, sauce for the gander. You've got
8 a lot of depositions of our witnesses coming
9 up, and I can tell you the one that I was
10 just recently in, documents were reviewed off
11 the record, lengthy documents. If -- you
12 know, if the Assaad rule now is that all
13 things shall be on the record, all reviewing
14 time shall be on the record, sauce for the
15 goose, sauce for the gander.
16 THE WITNESS: So are we off the
17 record here? Are we taking a break?
18 MR. COREY GORDON: You're now off.
19 THE WITNESS: Okay.
20 THE VIDEOGRAPHER: We're going off
21 the record at 10:30 a.m.
22 (Whereupon, a brief recess
23 was taken.)
24 THE VIDEOGRAPHER: This is
25 volume 2, video number 2 in the deposition of

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1 ALBRECHT
2 preamble, I guess, assumes facts not in
3 evidence, lack of foundation.
4 THE WITNESS: (Reviews document.)
5 Okay. So I've read the e-mail.
6 MR. COREY GORDON: Okay.
7 THE WITNESS: I have no way to
8 confirm, but this seems appropriate as the
9 attachment.
10 MR. COREY GORDON: Okay.
11 BY MR. COREY GORDON:
12 Q. And if you -- on Exhibit 28, if you turn
13 to -- well, let's go -- let's start with
14 Exhibit 29 and we'll go back to 28.
15 A. Okay.
16 Q. Exhibit 29, there are a series of comment
17 boxes on the -- the right-hand side of each
18 page with initials, and I just want to get
19 confirmation. It looks like the only sets of
20 initials are MRR and M; is that right?
21 A. I've got MRR, M2. (Reviews document.) I
22 think I only see those two.
23 Q. And MRR, that would be Michael R. Reed, or
24 Mike R. Reed, right?
25 A. I believe so.

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1 ALBRECHT
2 Mark Albrecht. Today is November 12th, 2016.
3 We're going back on the record at 10:42 a.m.
4 THE WITNESS: So where did we
5 leave off?
6 BY MR. COREY GORDON:
7 Q. Okay. Well, Exhibit 28 is a chain of e-mails
8 talking about the British Hip Society
9 presentation, and there was an attachment
10 to --
11 A. Okay.
12 Q. -- this chain that says, "Outline of BHS
13 presentation doc." And Exhibit 29 is an
14 outline of BHS presentation. I'll represent
15 to you it's my -- my understanding that from
16 the production from Professor Nachtsheim, and
17 you can see the -- the numbering that -- it's
18 something in between, but I believe the
19 printout of the attachment is Exhibit 29.
20 But, you know, feel free to look. I just --
21 there's just a couple of questions I have
22 about these documents, so --
23 A. All right. Let me skim through it real quick
24 and I'll be right with you.
25 MR. ASSAAD: Objection to the

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1 ALBRECHT
2 Q. And M is you, right?
3 MR. ASSAAD: Objection; lack of
4 foundation, assumes facts not in evidence.
5 THE WITNESS: I don't know.
6 MR. COREY GORDON: Okay.
7 BY MR. COREY GORDON:
8 Q. Is there --
9 THE WITNESS: It might be.
10 BY MR. COREY GORDON:
11 Q. Well, is there anyone else on the list of
12 people back and forth whose -- whose comments
13 might have been offered on the BHS
14 presentation who has an M as either their
15 first or last initial?
16 A. No, it does not appear that way.
17 Q. Okay.
18 A. So maybe.
19 Q. All right. Well, let's -- let's take a look
20 at the -- on Exhibit 29 comment M3 --
21 A. Okay.
22 Q. -- on the first page, bottom of the first
23 page. So that comment is, "I suggest you add
24 this as an additional slide to focus the
25 direction of where you are going in the

ALBRECHT

broadier context that you are only looking at one potential factor among many possibly culprits."

A. Okay.

Q. "This makes it look impartial and hides our agenda, so to speak," all right?

A. Okay.

Q. Now, if you look back at Exhibit 28 --

A. Okay.

Q. -- on page Nachtsheim_0000242, in the middle there's an e-mail from you, Mark Albrecht, to Paul McGovern with a cc to Mike Reed, Scott Augustine, Brent Augustine and Professor Nachtsheim, right?

A. Okay. Which one, 00 what?

Q. 242.

A. Okay. All right. I'm there.

Q. And in the middle of the page there in your e-mail you -- you say, "Much better, Paul. You did a good job of hiding the," quote, "agenda," close quote, "and making this look much more impartial. I'll give you an update infection graph and summary tomorrow." Do you see that?

ALBRECHT

A. Uh-huh.

Q. So --

A. That seems to line up, I agree.

Q. Okay. What was the agenda?

A. That's a good question. Generally, in these presentations you want to have some kind of strong statement that you're thinking about, some conclusions, since you've looked through the data in the past and you've maybe come to it. So it's -- it's -- after your ability to deeply study the issue, kind of what your thoughts on it are, that's generally what the agenda on it is.

Q. And why is making some look more impartial important?

A. Because you want the reader to make their own determination on this, you don't want to try and have them go down your direction right away. You would get a knee-jerk reaction by doing so.

Q. Why would you want to hide your agenda?

A. You don't hide it. What you do is make sure they are aware of all the possible items that could contribute to it.

ALBRECHT

Q. Well, in both -- in Exhibit 29 and Exhibit 28 you talk about hiding the agenda.

A. Yup. You call it an agenda to highlight to the person when you're giving feedback on a presentation like this to be very careful and think though as someone is going to find you that have an agenda, because it helps you as a researcher make sure you've considered all the possible factors.

Q. Okay. Turn to page -- the second page of Exhibit 29, and comment M4 -- well, first of all, read the --

A. Where are we at here?

Q. Second page. Yeah, you're there. The -- what -- the slide that this is apparently commenting on, it simply says, "Intraoperative patient warming significantly improves patient outcomes." And your comment is, "Drop this slide. I'd suggest moving this information down to your ? mark slide, and use a compound sentence to introduce the idea, something like, 'Forced-air warming has many established clinical benefits such as XX and YY. However, the heated airflow presents

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a ventilation disruption risk, therefore, we evaluated."

And then you go on to say, "As it stands, this slide," meaning, Intraoperative Patient Warming Significantly Improves Patient Outcomes, "is simply stating facts and not making an argument. To capture attention an argument must be made" -- "must be carried forward in every slide, we think this because X and Y."

A. Okay.

Q. So you didn't want just neutral facts, you wanted to make the argument -- you wanted this presentation to make an argument?

A. I would like someone to consider all the broader topics and then make an argument of what their interpretation is.

Q. To advance the agenda that you're trying to hide, right?

A. Not to hide --

MR. ASSAAD: Objection to lack of foundation, misstates prior testimony.

THE WITNESS: Agenda is a keyword to tag someone's thinking so they make sure

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to say, Hey, I don't want to have this come across like I have an agenda, so what are all the things so someone can see it. That's how we talk about that in research, just to make sure that you presented all the context --

MR. COREY GORDON: Okay.

THE WITNESS: -- that's what that's about. And it comes off very strange in the way it's worded here, but that's the intent of it.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And if you drop a little bit further down to the middle of the page, it says, "Our clinical concern" -- the slide --

A. Where are we looking?

Q. It would be, I guess, the second from the bottom up slide.

A. Okay.

Q. "Our clinical concern was that a potential for hot-rising air from the forced-air system to disrupt laminar airflow with possible consequences for airborne pathogenic contamination." Did I read that right? I

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probably screwed up something.

MR. ASSAAD: I wasn't paying attention.

THE WITNESS: I will read it.

"Our clinical concern was that there was a potential for hot-rising air from the forced-air system to disrupt laminar airflow with the possible consequences for airborne pathogenic contamination."

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. And then Mike Reed's comment, or MRR6, is, "I'm attempted to say the driver for this was the need to verify the smoke DVD produced by Augustine. Remind them this DVD was posted to all ortho surgeons in the UK last year, assuming that is correct."

A. Okay.

Q. Okay. And you -- you commented, apparently, in response to that.

A. Would you like me to read it?

Q. Yeah, what was your comment?

A. My comment here in the writing is, "I'd be careful" --

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MR. ASSAAD: Objection; lack of foundation, assumes that these are his comments. You may answer.

THE WITNESS: Go ahead and read it for me.

BY MR. COREY GORDON:

Q. No why don't you read comment M7.

A. I'd rather not.

Q. Okay. "I'd be careful here. That might imply a strong corporate agenda behind these activities and raise questions to the credibility of the result."

A. Yeah.

Q. Okay. Now, so Dr. Reed was saying the driver behind the study was the DVD -- the smoke DVD produced by Augustine. And you were saying no, don't -- don't say that, because that might imply a strong corporate agenda behind these activities --

MR. ASSAAD: Objection; lack --

BY MR. COREY GORDON:

Q. -- and raise questions as to the credibility of the results.

MR. ASSAAD: Sorry. Objection;

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lack of foundation, assumes facts not in evidence.

THE WITNESS: So there is a comment here, I presume it to be mine.

BY MR. COREY GORDON:

Q. But the comment you specifically were saying, "Let's not say that it was the Augustine smoke DVDs that we were trying to verify."

A. That's my opinion here, that I think you get a knee-jerk reaction from people that don't consider the whole piece impartially if you focus it on a company being the motivating reason.

Q. Okay. And when you refer to, "These activities," and the -- and the, "Credibility of the results," we're talking about the -- the McGovern paper, Exhibit 8, right?

MR. ASSAAD: Objection to form.

THE WITNESS: No, we are not.

We're talking about what's in the body of the presentation.

MR. COREY GORDON: Okay.

BY MR. COREY GORDON:

Q. Well, is -- what was the presentation based

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on other than -- if not the McGovern -- the work you did for the paper that ended up being Exhibit 8, what other work was this based on?

A. Whatever cut of that we're presenting as part of this presentation.

Q. Well, what -- what was -- what were the activities and what were -- what the results that you're presenting?

A. This looks like it's a study based on the airflow disruption component for the presentation.

Q. Did you do any other activities with Reed and McGovern on airflow disruption besides the work that you present in Exhibit 8?

A. I believe we did a study at the University of Minnesota at one point in time.

Q. Was that before or after the work that you did at Northumbria?

A. I'm unsure.

Q. And was that ever published?

A. Yes, we have one of these published papers here. Sorry, it's hard to find through the exhibits what we've got here. (Reviews

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document.) So I see this, "Patient Warming Excess Heat: The Effects on Orthopedic Operating Room Ventilation Performance, the NA article.

Q. That's Exhibit 7?

A. Yup.

Q. And that was published in 2013?

A. Yup.

Q. And when you were preparing this BHS Hip -- the British Hip Society presentation in February of 2011, was that -- do you think that might have been talking about the work you did at University of Minnesota?

A. I don't believe so. Unless there's some note on the bottom, I'm unsure.

Q. It was about the stuff you were doing -- you had done at Northumbria, right?

A. This is a long time ago. I'm not sure what's getting rolled in here and what comments are a part. I can look through in more detail, if I'd like.

Q. No, let's move on.

(Whereupon, Exhibit 30 was marked for identification.)

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BY MR. COREY GORDON:

Q. I'm going to show you Exhibit 30.

A. Okay.

Q. That's an e-mail from you to Professor David Leaper, right?

A. Okay, in 2010.

Q. And Dr. Leaper's name appears as a coauthor on a couple of your -- your papers, right?

A. He does.

Q. Okay. And in the middle of this you say, "As mentioned, we need you to be the corresponding author." Do you see that sentence?

A. Okay.

Q. What did you mean by, "We need you to be the corresponding author"?

A. He's going to handle the submission details.

Q. And now drop a little further down. You say, "Also, we need to be critically careful that this document appears to be impartial."

A. As with all research.

Q. Well, why were you asking Dr. -- and then you ask Dr. Leaper to, "Please reread and let me know if there is" -- "are any reasons

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suggesting that it may appear otherwise."

A. That's just checking the quality of your work. You want your writing, your research, things like that, to be as impartial as you can, especially in the work that you present.

Q. Well, you didn't say you wanted the document to be impartial. You said you wanted it to appear to be impartial, right?

A. That's not what I interpret that as, but I do see what you're saying.

Q. Okay. And, you know, we've gone through some documents now, you talked about hiding agendas and appearing to be impartial.

A. I am not talking about --

MR. ASSAAD: There is nothing about hiding agendas.

THE WITNESS: My definition --

MR. ASSAAD: Objection to form, misstates prior testimony, lack of foundation, assumes facts not in evidence, a preamble and argumentative.

THE WITNESS: On the record, when we use the word agenda, we do so to talk about what someone who is looking for

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conflicts would think about to highlight that to someone that, Hey, think about it, you may have an agenda at play here, because it highlights their need to think through carefully and critically about what that might be.

BY MR. COREY GORDON:

Q. And in Exhibit 28 you said to Paul McGovern, "You did a good job of hiding the," quote, "agenda," close quote, "and making this document look much more impartial," right?

A. Yeah, he did a good job --

MR. ASSAAD: Objection; asked and answered.

THE WITNESS: -- of bringing in surrounding issues that could be a possible contributor so people get the broad picture and can make their own conclusion.

BY MR. COREY GORDON:

Q. Well, if he hadn't hidden the agenda, it wouldn't have looked quite as impartial, right?

MR. ASSAAD: Objection to form --

BY MR. COREY GORDON:

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Q. Isn't that what you were saying?

MR. ASSAAD: Sorry.

THE WITNESS: No.

MR. ASSAAD: Sorry to cut you off, Corey. Objection to form, argumentative, assumes facts not in evidence, lack of foundation, assumes facts -- that's it.

THE WITNESS: That was slang for saying you made this look much more impartial and did a good job bringing in the surrounding elements that could be relevant.

MR. COREY GORDON: Okay.

(Whereupon, Exhibit 31 was marked for identification.)

BY MR. COREY GORDON:

Q. I'm going to show you Exhibit 31.

A. Yeah.

Q. This is a -- an e-mail from you to Mike Reed, Paul McGovern, carbon copies to Scott Augustine, Andreas Deibel, Keith Leland, R. Humble, and Christopher Nachtsheim, right? It's July 9th, 2010, right?

A. Okay.

Q. And at the time of July 9th, 2010,

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Andreas Deibel, Keith Leland, and R. Humble, in addition to Scott Augustine, were all employees of Augustine Biomed, right?

A. Yeah, Andreas, Keith, this is 2010, yeah, that would be correct.

Q. Who is R. Humble?

A. He's a sales rep in Europe.

Q. Oh, okay. Do you know if he's still with the company?

A. I don't presume to know.

Q. Okay.

A. In fact, I'm not ever sure he was directly employed, he could have been a distributor.

Q. And the -- your subject line on your e-mail is, "Publication factory continues," right?

A. Yes, it is.

Q. Okay. And you say to Paul and Mike, that would be Paul McGovern and Mike Reed, right?

A. Yeah.

Q. And that -- those are the same two people that you -- in that earlier e-mail that we looked at today you refer to as "our researchers," right?

A. In the earlier e-mail those are folks that

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we've worked with in the past.

Q. Yeah. And you refer to them as, "Our researchers," right?

MR. ASSAAD: Objection to form.

THE WITNESS: That was not what was implied by that.

BY MR. COREY GORDON:

Q. I don't know what -- I'm not asking you what was implied, I'm asking you how you referred to them.

MR. ASSAAD: Objection to form.

THE WITNESS: I'm happy to read that e-mail. Which exhibit? Which spot? I know which one you're talking about, but I want to look at that carefully if you want a statement like that. (Reviews document.)

No, I did not refer to them as, "Our researchers." "He actually sent this to the doctors that do our research."

BY MR. COREY GORDON:

Q. I'm sorry, "The doctors that do our research."

A. So that is a misstatement.

Q. Well, thank you for correcting me.

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ALBRECHT

So, "The doctors that do our research," the Paul -- that's Paul McGovern and Mike Reed?

A. Among others. But, yes, we have definitely given them paid support to work with them on research products.

Q. And the, "Publication factory that continues," e-mail, you tell Paul and Mike, "At this point we have three completed manuscripts that are ready to be submitted for publication that you are both authors on," right?

A. Okay.

Q. And you list three documents, right?

A. I see that.

Q. You say, "I've already sent both of you articles 1 and 2. Article 3 is a new one and, arguably, the best of the three." Do you see that?

A. Okay.

Q. How were -- how is it that you were sending them an article that was new that they were coauthors on?

A. It was probably a start of a draft as a

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placeholder for us all to work from, it may have been, or it may have had some input or may have been other manuscripts that have been rehashed together to form a more cohesive story.

Q. You were the primary author of -- of these studies, right?

A. Not true. I was the person that did the engineering studies, I'm the person that did a portion of the statistics under oversight from others.

Q. You -- you did the drafting and sent it to other people for review, right?

MR. ASSAAD: Objection to form, asked and answered.

THE WITNESS: No. I would construct parts of these and then we'd work as a team to collaboratively figure it out.

BY MR. COREY GORDON:

Q. Well, so what was -- where was the publication factory?

A. Where was the publication factory?

Q. Yeah.

A. That refers to the fact that we've got three

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ALBRECHT

articles that we're targeting clinical journals with, and that's a point of pride, that we can produce research at a rate like that.

Q. Okay. Now drop down to the bottom of Exhibit 31 --

A. Okay.

Q. -- where you say, "Also, Dr. Andrew Legg has invited you guys to Sheffield Hospital the weekend of July 17th and 18th to help with the research effort there. If you are interested the company would be willing to cover your hotel and expenses." Do you see that?

A. Yeah.

Q. Do you know, first of all, if either Paul McGovern or Mike Reed took you up on that offer and went to Sheffield and --

A. I'm trying to remember.

Q. -- helped with Dr. Andrew Legg's research effort?

A. I don't recall them being there.

Q. You were there though, right?

A. I was for part of it.

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ALBRECHT

Q. Okay. Anyone else from the Augustine company there that you can recall?

A. No.

Q. Who else was there -- who else participated in the research effort that you're referring to there?

A. Which one? The Sheffield one?

Q. Yup.

A. That would be myself and Dr. Andrew Legg. And they look the data and they made a manuscript anova with -- really, without my involvement and went a separate path.

Q. And when you say they took the data, what -- what -- strike that. What --

A. We lended [sic] them a study kit to work with.

Q. What do you mean by study kit?

A. Equipment.

Q. What kind of equipment?

A. Airflow measurement devices.

Q. So you just -- did you just drop them off or did you actually participate in doing the measurements?

A. Participated in some.

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ALBRECHT

Q. And you -- but you didn't have anything to do with any of the drafting of the research?

A. I'm trying to remember that one. I believe that we might have done some drafting, but at some point they decided that they were going to write their own. I'm trying to recall the details on that.

(Whereupon, Exhibit 32 was marked for identification.)

BY MR. COREY GORDON:

Q. I'll show you Exhibit 32. It's the document produced from the files of Professor Nachtsheim.

A. Okay.

Q. And the cover page is a -- an e-mail from you to a Dr. Andrew Legg, Scott Augustine and Christopher Nachtsheim.

A. Okay.

Q. And the date of this is September 10th, 2010. That would be after you went to Sheffield and worked with Dr. Legg, right?

A. I believe so.

Q. Okay. And the attached manuscript is entitled, "Forced-Air Warming, Effective, but

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ALBRECHT

Risky? Patient Warming Systems and Their Effect on Orthopedic Laminar Ventilation," right?

A. That is what's here.

Q. And it lists four authors, Andrew Legg, Andy Hamer, Mark Albrecht and Christopher Nachtsheim, right?

A. I see that.

Q. And you sent this manuscript to Dr. Legg, Dr. Augustine and Professor Nachtsheim, right?

A. That appears to be correct.

Q. You are the one who wrote this first draft, right?

A. Big parts of it, it appears that way, yes.

Q. Well --

A. Yes.

Q. Okay. And why were you sending it to Scott Augustine?

A. Because he's a research sponsor. He is paying the bill for my salary and others, and so we do keep him informed with the research we're doing and the progress we're making. I am an employee there.

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ALBRECHT

Q. Did -- has anyone ever informed the -- the public that Dr. Augustine was somehow involved in the Legg research?

A. Dr. Augustine in the Legg research, I don't know. They did not use this manuscript, by the way, this one was torpedoed.

Q. Who torpedoed it?

A. The doctors, Legg and Hamer. They decided that they wanted a different message and so they crafted their own.

Q. Based on the research that you had helped them with, right?

A. That I don't know.

MR. ASSAAD: Objection; calls for speculation.

BY MR. COREY GORDON:

Q. Well, do you know if they completely threw out the research that you went to Sheffield and worked with them on?

MR. ASSAAD: Objection to form.

THE WITNESS: Do you have a publication we can look at to assess that or do you have any details? It's been a while.

BY MR. COREY GORDON:

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ALBRECHT

Q. I'm just asking you if you have any recollection that, you know, you --

A. I don't without written record to help me with this.

Q. Okay. But you -- you -- you recall going to Sheffield?

A. Yes.

Q. You recall participating in -- in experiments using bubbles, right?

A. I recall helping with a draft and I recall them deciding that we're going to go a different direction.

Q. Okay. But I want to focus on the -- the -- the stuff you did in Sheffield in July of 2010.

A. Okay.

Q. You -- the -- one of the things you were doing was airflow study with bubbles, right?

A. I had lent a research kit and showed how to use it, yeah.

Q. Well, you say you showed how to use it. You actually did it, right? You actually generated -- turned on the bubble generator and worked with them in terms of moving

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1 ALBRECHT
 2 the --
 3 MR. ASSAAD: Objection to form.
 4 THE WITNESS: Under the direction
 5 of Dr. Hamer -- actually, not Dr. Hamer,
 6 Dr. Legg, I assisted him.
 7 BY MR. COREY GORDON:
 8 Q. But you --
 9 THE WITNESS: I was physically in
 10 the operating room at times, yes.
 11 BY MR. COREY GORDON:
 12 Q. And you were assisting him doing the actual
 13 airflow studies, right?
 14 A. The studies that were described here, yes.
 15 Q. Okay. Let me show you Exhibit 33.
 16 (Whereupon, Exhibit 33 was
 17 marked for identification.)
 18 BY MR. COREY GORDON:
 19 Q. This is from October 4th, 2010, and it's
 20 from you to Andrew Legg, Andrew Hamer,
 21 Thomas Cannon, Scott -- with a cc to
 22 Scott Augustine, Mike Reed, Paul McGovern,
 23 Robert Gauthier and Christopher Nachtsheim,
 24 right?
 25 A. That appears correct.

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1 ALBRECHT
 2 Q. Okay. And at the bottom of this first page
 3 you say, "I'll also be sending out a revised
 4 manuscript that includes Andrew Legg's
 5 comments, suggestions in the next week or
 6 two."
 7 A. Uh-huh.
 8 Q. Okay. What manuscript was that?
 9 A. It's possible I was looking for feedback on
 10 this one. But, again, like I said, they
 11 decided to go a different direction and broke
 12 off the relationship.
 13 Q. How did they break off the relationship?
 14 A. They broke off the relationship, as I recall,
 15 and, again, it's fuzzy, but I remember
 16 Dr. Hamer, who is a senior physician, felt
 17 that they would like to have their own
 18 independent ability to work with these
 19 results without any kind of influence from
 20 our research group, is essentially what it
 21 came down to, and they wanted to have their
 22 own message and crafted in their own way.
 23 Q. Based on the --
 24 A. That I don't know.
 25 Q. -- experiments that you assisted in, correct?

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1 ALBRECHT
 2 Q. And you said to, "Andrew, Andrew and Thomas,"
 3 and I -- that would be Andrew Legg, Andrew
 4 Hamer and Thomas Cannon, right?
 5 A. Yes.
 6 Q. You said you, "Wanted to send out a group
 7 e-mail to all of the investigators involved
 8 in the Sheffield study that Andrew Legg was
 9 kind enough to host and supervise. As you
 10 know, we collected some compelling results at
 11 Sheffield related to forced-air warming and
 12 laminar flow disruption that need to be
 13 shared with the orthopedic community at
 14 large. These results are a piece of a larger
 15 body of work which has involved the other
 16 investigators copied on this e-mail.
 17 Mr. Mike Reed, Northumbria, Wansbeck;
 18 Mr. Paul McGovern, Northumbria, Wansbeck;
 19 Dr. Robert Gauthier, Minneapolis, Minnesota;
 20 and Dr. Christopher Nachtsheim, University of
 21 Minnesota."
 22 And then if you drop down to the
 23 bottom of this paragraph -- well, first of
 24 all, did I read all that right?
 25 A. So far.

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1 ALBRECHT
 2 A. As far as I can tell, yes, that's the data
 3 that they used when they broke off the
 4 relationship.
 5 Q. Okay. And -- well, what was the time period
 6 when they broke off the relationship?
 7 A. Obviously, it would be after this, because we
 8 kind of did some back and forth. I believe
 9 we had a couple of phone calls and then it
 10 was decided that we're going to go different
 11 ways.
 12 Q. And did you -- are you saying you had no
 13 further contact with him at that point?
 14 A. Nothing material, I don't believe. It's hard
 15 to say without written record. They may have
 16 presented us with the draft when it was done,
 17 but they went about it their way.
 18 Q. And who did they communicate with to indicate
 19 that they were breaking off the relationship?
 20 MR. ASSAAD: Objection to form.
 21 THE WITNESS: I do not recall. I
 22 believe it was with myself and the research
 23 group. I don't remember if it was via e-mail
 24 or telephone call. I'm trying to recall.
 25 They may better remember that when you talk

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1 ALBRECHT
2 to them.
3 BY MR. COREY GORDON:
4 Q. Did you discuss with Scott Augustine that
5 they were breaking off the relationship?
6 A. Oh, yes.
7 Q. Well, what do you recall that discussion
8 entailing?
9 MR. ASSAAD: Objection; lack of
10 foundation.
11 THE WITNESS: I would need some
12 written record to help jog my memory on that.
13 If you have something, I'd be appreciative.
14 (Whereupon, Exhibit 34 and
15 Exhibit 35 was marked for
16 identification.)
17 BY MR. COREY GORDON:
18 Q. I'm going to show you Exhibits 34 and 35.
19 A. Okay.
20 MR. ASSAAD: Which one is 34 and
21 which one is 35?
22 MR. COREY GORDON: Thirty-four is
23 the e-mail, 35 is the article.
24 BY MR. COREY GORDON:
25 Q. Exhibit 34 is an e-mail from you to

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1 ALBRECHT
2 Keith Leland dated October 25th, 2012,
3 correct?
4 A. Yes.
5 Q. And in it you hyperlink to an article in the
6 Star Tribune, and Exhibit 35 is that article,
7 correct?
8 A. I'm assuming it is. It looks like the links
9 match.
10 Q. Okay.
11 A. Actually, no, they don't, but I don't know.
12 I couldn't tell you.
13 Q. Okay. Well, I'll represent to you that on
14 November 10th, 2016, at 4:19, I put that
15 hyperlink from your e-mail, Exhibit 34, into
16 my browser, and that -- what came up was
17 Exhibit 35.
18 A. Yeah.
19 Q. And Exhibit 34 refers to a Medtronic article,
20 right?
21 MR. ASSAAD: Objection. Objection
22 to form, assumes facts not in evidence, lack
23 of foundation that this article is the same
24 as what's being referenced here in the
25 e-mail.

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1 ALBRECHT
2 BY MR. COREY GORDON:
3 Q. Exhibit 34 refers to a Medtronic article,
4 right?
5 A. It appears to.
6 Q. And Exhibit 35 is an article about Medtronic,
7 right?
8 A. Yes, that you provided me with, yes.
9 Q. Okay. And the article is about Medtronics'
10 role in influencing articles authored by
11 physician consultants where that role was not
12 disclosed, right?
13 A. I don't know, I'd have to read it. Hold
14 tight. (Reviews document.) I'm done reading
15 the article.
16 Q. Okay. And in your e-mail to Keith Leland --
17 and at this time Keith Leland was also an
18 ex-Augustine employee; is that correct?
19 A. Yeah, it appears that way.
20 Q. And you say, "Ha, the Medtronic article
21 sounds scarily familiar. Hum, we were never
22 part of a company that did that," dot, dot,
23 dot, right?
24 A. Yup, those are the words.
25 Q. What about the article was scarily familiar?

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2 MR. ASSAAD: Objection; lack of
3 foundation, assumes facts not in evidence.
4 THE WITNESS: That there's company
5 funding involved in research.
6 BY MR. COREY GORDON:
7 Q. An undisclosed influence, right?
8 A. No, we always disclosed our influences.
9 Q. Always?
10 A. I have in anything I've submitted.
11 Q. Okay. So what was scary, or scarily
12 familiar, to use your exact words?
13 A. It's not scary. It's that funding comes from
14 device companies at times.
15 Q. You used the word scarily. What was scarily
16 about -- about companies funding research?
17 MR. ASSAAD: Objection to form,
18 assumes facts not in evidence, lack of
19 foundation.
20 THE WITNESS: It sounds familiar.
21 I mean, I -- scarily is just an adjective. I
22 don't know what to tell you what it means
23 there.
24 MS. ZIMMERMAN: Can you tell us
25 how much time we have left?

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THE VIDEOGRAPHER: So both volumes, we're at 6:53 on record.

MS. ZIMMERMAN: Thanks.
(Whereupon, Exhibit 36 was marked for identification.)

BY MR. COREY GORDON:

Q. I'm going to show you Exhibit 36. It's an exchange of e-mails between you and Professor Nachtsheim, correct?

A. Okay. Yes, it is.

Q. Okay. And I want to direct your attention to the second page where Professor Nachtsheim says to you, "Hard to disagree with the last quote where the guys said that the data are compelling, but they don't prove the link to infections in practice and a clinical trial would be needed to do that, do you agree," question mark. Did I read that correctly?

A. I will read it just to make sure.

"Interesting article. Even though they were petty hard on Scott, hard to disagree with the last quote where the guy said that the data are compelling, but they don't provide the link to infections in practice and that

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clinical trial would be needed to do that; do you agree?"

Q. You said, "Provide." I think it says, "Prove."

A. My apologies.

Q. And your response was, "Yes, I do agree with that." And, in fact, why don't you read your response.

A. Okay. "Yeah, I do agree with that.

Personally, I don't think it's a good idea to use forced-air warming in implant cases sensitive to airborne contamination based off" -- "based upon its effects on clean airflow occurrence over the surgical site, but we do not have conclusive proof at this time that increased infections are the result of such ventilation disruption, nor are we likely to ever have such proof. Such a trial would involve upwards of thousands of patients and carry a \$2 million price tag, at minimum cost of 2,000 a patient I'm guessing. This is one of those things where we can step close to the line, and we do have important information to present that clinicians should

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be aware of, but we also have to be careful that we do not state claims regarding proof of infection reduction. Unfortunately, Scott likes to say that he's convinced of such a relationship, even though I tell him it is unsupported and I do not agree. Well, that is the difference between research and marketing. However, he knows better than to make such statements in journal articles and does not pressure me/us to do so. As such, I figure he can do as he pleases without harm as long as he respects the research boundaries, which he has to date."

MR. COREY GORDON: Okay. Here's the deal. I have probably about two hours more of questioning for you. I know I'm bumping up to the seven-hour limit. I -- I would ask you to let me go ahead and finish up. If you want to say no, you know, absent special provisions from the court, it's a maximum of seven hours, that -- that is your privilege, and I will -- I will likely ask the -- the court to give some -- give me some additional time. They're going to have

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questions for you and, you know, I'm sure they don't want me to go on any further.

So, you know, I'm going to -- it's probably partially up to you. But even if you say, yeah, why don't you just go ahead and finish with me, they're probably going to object.

MR. ASSAAD: We --

MS. ZIMMERMAN: Should we go off the record for a minute?

MR. ASSAAD: Yeah, let's go off the record.

THE VIDEOGRAPHER: We're going off the record at 11:26 a.m.

(Whereupon, a brief recess was taken.)

THE VIDEOGRAPHER: We're going back on the record at 11:31 a.m.

MR. ASSAAD: It's my understanding that the seven hours are up at this time, give or take a couple of minutes. I don't know if Mr. Gordon has any questions.

We definitely want to ask -- we definitely object to defense counsel moving

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forward over the seven-hour time limit that's been allowed to him by the Federal Rules of Civil Procedure.

However, I will likely go to the court and ask for a couple of hours for me to follow up on some of the questions he had with the -- with the -- with the objection that they have no more time with regard to the deposition. Seven hours has been ample time. You can only -- you know, in your role with 3M and Arizant does not allot for more than a seven-hour deposition.

Therefore, I think we'll close this deposition for now and then we'll come back at a later time after court's guidance and figure out, you know, what the court is going to allow us to do with regards -- with regards to the plaintiffs asking questions and with respect to the defendants asking questions.

MR. COREY GORDON: I understood Mr. Albrecht was saying that he wanted to -- wanted me to abide by the seven-hour cutoff. I don't know if he's willing to stay if you

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have another hour or two of examination.

THE WITNESS: I'm -- I'm going to abide by the seven-hour cutoff.

MR. COREY GORDON: Okay.

THE WITNESS: So that is my choice, yes.

MR. ASSAAD: Okay.

THE WITNESS: And this is my Exhibit 30 to add to the pile, right? It's got a flag on it. Just so we keep them all together.

MR. ASSAAD: We can close, I'll ask you off the record.

THE VIDEOGRAPHER: We're going off the record at 11:32 a.m.

(Whereupon, the foregoing deposition adjourned at 11:32 a.m.)

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DEPOSITION CORRECTION SHEET

TITLE: In Re: Bair Hugger Forced Air Warming
Products Liability Litigation

WITNESS: Mark Albrecht

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I, Mark Albrecht, have read this
deposition transcript and acknowledge
herein its accuracy except as noted:

Witness Signature

1 STATE OF MINNESOTA)

) ss

2 COUNTY OF ANOKA)

3
4 Be it known that I took the foregoing
deposition of Mark Albrecht, Volume 2, on
November 12th, 2016, in Minneapolis, Minnesota;

5
6 That I was then and there a notary public
in and for the County of Anoka, State of Minnesota,
and that by virtue thereof, I was duly authorized
to administer an oath;

7
8 That the witness was by me first duly
sworn to testify to the truth, the whole truth and
nothing but the truth relative to said cause;

9
10 That the foregoing transcript is a true
and correct transcript of my stenographic notes in
said matter;

11
12 That the witness reserved the right to
read and sign the transcript;

13
14 That I am not related to any of the
parties hereto, nor interested in the outcome of
the action;

15
16 WITNESS MY HAND AND SEAL this 23rd day of
November, 2016.

17
18
19 _____
Amy L. Larson, RPR

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EXHIBIT DX14

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

	A	B	C	D	E	F	G	H	I	J	K	L	M
1		SITE	AGE		OP CODE	OPERATIO	OP DATE	DHOSP30	DHOSP90	DOU30	DOU90	LOS	RTTSAME
2		HX	40		W401	KNEE	01-Oct-2007	N	N	N	N	6	N
3		HX	73		W401	KNEE	01-Oct-2007	N	N	N	N	4	N
4		NT	85		W401	KNEE	02-Oct-2007	N	N	N	N	8	N
5		WG	78		W401	KNEE	02-Oct-2007	N	N	N	N	7	N
6		WG	73		W401	KNEE	02-Oct-2007	N	N	N	N	12	N
7		WG	81		W401	KNEE	02-Oct-2007	N	N	N	N	8	N
8		NT	69		W421	KNEE	02-Oct-2007	N	N	N	N	8	N
9		NT	58		W421	KNEE	02-Oct-2007	N	N	N	N	7	N
10		WG	67		W371	HIP	02-Oct-2007	N	N	N	N	5	N
11		NT	58		W401	KNEE	03-Oct-2007	N	N	N	N	8	N
12		WG	76		W371	HIP	03-Oct-2007	N	N	N	N	6	N
13		WG	72		W401	KNEE	03-Oct-2007	N	N	N	N	6	N
14		WG	72		W371	HIP	03-Oct-2007	N	N	N	N	7	N
15		WG	55		W401	KNEE	03-Oct-2007	N	N	N	N	5	N
16		WG	78		W401	KNEE	03-Oct-2007	N	N	N	N	6	N
17		WG	66		W401	KNEE	03-Oct-2007	N	N	N	N	5	N
18		HX	80		W371	HIP	04-Oct-2007	N	N	N	N	8	N
19		NT	75		W371	HIP	04-Oct-2007	N	N	N	N	10	N
20		NT	74		W371	HIP	04-Oct-2007	N	N	N	N	6	N
21		NT	66		W401	KNEE	04-Oct-2007	N	N	N	N	7	N
22		HX	80		W381	HIP	04-Oct-2007	N	N	N	N	8	N
23		HX	64		W401	KNEE	04-Oct-2007	N	N	N	N	6	N
24		NT	69		W401	KNEE	05-Oct-2007	N	N	N	N	9	N
25		NT	73		W401	KNEE	05-Oct-2007	N	N	N	N	29	N
26		WG	83		W401	KNEE	06-Oct-2007	N	N	N	N	11	Y
27		WG	78		W371	HIP	06-Oct-2007	N	N	N	N	9	N
28		WG	54		W401	KNEE	06-Oct-2007	N	N	N	N	10	N
29		HX	64		W401	KNEE	06-Oct-2007	N	N	N	N	4	N
30		HX	61		W401	KNEE	06-Oct-2007	N	N	N	N	4	N
31		HX	57		W381	HIP	06-Oct-2007	N	N	N	N	4	N
32		HX	55		W401	KNEE	06-Oct-2007	N	N	N	N	4	N
33		WG	61		W401	KNEE	06-Oct-2007	N	N	N	N	5	N
34		NT	53		W381	HIP	08-Oct-2007	N	N	N	N	5	N
35		NT	69		W371	HIP	08-Oct-2007	N	N	N	N	10	N
36		HX	52		W401	KNEE	08-Oct-2007	N	N	N	N	4	N
37		WG	70		W401	KNEE	08-Oct-2007	N	N	N	N	8	N
38		WG	78		W401	KNEE	09-Oct-2007	N	N	N	N	8	N
39		WG	82		W371	HIP	09-Oct-2007	N	N	N	N	12	N
40		WG	70		W401	KNEE	09-Oct-2007	N	N	N	N	6	N
41		NT	71		W401	KNEE	09-Oct-2007	N	N	N	N	25	N
42		NT	71		W401	KNEE	09-Oct-2007	N	N	N	N	6	N
43		WG	50		W401	KNEE	09-Oct-2007	N	N	N	N	3	N
44		WG	59		W371	HIP	09-Oct-2007	N	N	N	N	8	N
45		WG	93		W401	KNEE	09-Oct-2007	N	N	N	N	20	N
46		NT	51		W381	HIP	10-Oct-2007	N	N	N	N	9	N
47		NT	74		W371	HIP	10-Oct-2007	N	N	N	N	13	N
48		WG	57		W381	HIP	10-Oct-2007	N	N	N	N	8	N
49		WG	72		W401	KNEE	10-Oct-2007	N	N	N	N	31	N
50		HX	74		W401	KNEE	10-Oct-2007	N	N	N	N	5	N
51		HX	82		W371	HIP	11-Oct-2007	N	N	N	N	9	N
52		WG	61		W371	HIP	11-Oct-2007	N	N	N	N	8	N
53		WG	74		W401	KNEE	11-Oct-2007	N	N	N	N	20	N
54		HX	71		W371	HIP	11-Oct-2007	N	N	N	N	9	N
55		HX	64		W381	HIP	12-Oct-2007	N	N	N	N	6	N
56		WG	62		W401	KNEE	12-Oct-2007	N	N	N	N	4	N
57		NT	70		W401	KNEE	12-Oct-2007	N	N	N	N	8	N
58		NT	75		W371	HIP	12-Oct-2007	N	N	N	N	7	N
59		HX	72		W381	HIP	12-Oct-2007	N	N	N	N	6	N
60		NT	67		W421	KNEE	13-Oct-2007	N	N	N	N	6	N
61		WG	77		W401	KNEE	13-Oct-2007	N	N	N	N	14	N
62		WG	59		W371	HIP	13-Oct-2007	N	N	N	N	6	N
63		WG	67		W401	KNEE	13-Oct-2007	N	N	N	N	5	N
64		HX	69		W371	HIP	13-Oct-2007	N	N	N	N	7	N
65		HX	64		W401	KNEE	13-Oct-2007	N	N	N	N	9	N
66		NT	59		W421	KNEE	13-Oct-2007	N	N	N	N	5	N
67		NT	73		W351	HIP	15-Oct-2007	N	N	N	N	8	N
68		NT	79		W371	HIP	16-Oct-2007	N	N	N	N	10	N
69		NT	74		W371	HIP	16-Oct-2007	N	N	N	N	5	N
70		WG	90		W401	KNEE	16-Oct-2007	N	N	N	N	22	N
71		WG	60		W401	KNEE	16-Oct-2007	N	N	N	N	8	N
72		WG	64		W401	KNEE	16-Oct-2007	N	N	N	N	4	N
73		WG	80		W401	KNEE	16-Oct-2007	N	N	N	N	14	N
74		WG	80		W401	KNEE	16-Oct-2007	N	N	N	N	9	N
75		HX	60		W401	KNEE	16-Oct-2007	N	N	N	N	6	N
76		WG	61		W401	KNEE	17-Oct-2007	N	N	N	N	4	N
77		NT	57		W401	KNEE	17-Oct-2007	N	N	N	N	16	N
78		NT	84		W401	KNEE	17-Oct-2007	N	N	N	N	14	N
79		HX	53		W401	KNEE	17-Oct-2007	N	N	N	N	5	N
80		WG	80		W401	KNEE	17-Oct-2007	N	N	N	N	6	N
81		WG	70		W401	KNEE	17-Oct-2007	N	N	N	N	5	N
82		WG	75		W401	KNEE	17-Oct-2007	N	N	N	N	8	N
83		NT	71		W401	KNEE	18-Oct-2007	N	N	N	N	7	N
84		HX	73		W371	HIP	18-Oct-2007	N	N	N	N	5	N
85		NT	73		W371	HIP	18-Oct-2007	N	N	N	N	10	N
86		WG	65		W371	HIP	18-Oct-2007	N	N	N	N	8	N
87		HX	74		W401	KNEE	18-Oct-2007	N	N	N	N	4	N
88		WG	71		W371	HIP	18-Oct-2007	N	N	N	N	7	N



	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1	RTTOTHER	DVT60	PE60	STR30	TIA30	G30	REN30	URET30	UTI30	MI30	PNE3C	THO30	IL30	CDP	COFREAD	HYPT	AF	IHD
2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
10	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
11	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
12	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
13	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
14	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
15	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
16	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
17	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
18	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
19	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
20	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
21	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
22	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
23	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
24	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
25	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
26	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
27	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
28	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
29	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
30	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
31	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
32	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
33	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
34	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
35	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
36	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
37	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
38	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
39	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
40	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
41	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
42	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
43	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
44	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
45	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
46	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
47	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
48	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
49	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
50	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
51	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
52	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
53	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
54	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
55	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
56	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
57	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
58	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
59	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
60	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
61	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
62	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
63	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
64	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
65	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
66	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
67	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
68	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
69	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
70	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
71	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
72	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
73	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
74	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
75	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
76	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
77	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
78	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
79	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
80	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
81	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
82	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
83	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
84	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
85	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
86	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
87	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
88	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1	HYPQ	HYFE	IDD	NIDD	HCD	COPD	DEM	ALZ	PS	PA	RA	HYPCHOL	BLTRANSF	READM	READLOS	PREOP	CRITCARE	OBESEITY
2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	5	N	
5	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
6	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	E669
7	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
8	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
9	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
10	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
11	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
12	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
13	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
14	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
15	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
16	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
17	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
18	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
19	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
20	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
21	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
22	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
23	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
24	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
25	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
26	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
27	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
28	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
29	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
30	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
31	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
32	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
33	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
34	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
35	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
36	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
37	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
38	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
39	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
40	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
41	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
42	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
43	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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46	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	4	N	
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50	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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54	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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57	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
58	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
59	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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61	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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63	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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66	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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70	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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75	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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77	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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81	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	6	N	
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86	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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	AX	AV	AZ	BA	BB	BC	BD	BE
1	NONORTHO	SPELLHRG	HRG_DESC					
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3	#NULL!							
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88	#NULL!							

	BF	BG	BH
1	Deep infection		
2	N		
3	N		
4	N		
5	N		
6	N		
7	N		
8	N		
9	N		
10	N		
11	N		
12	N		
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81	N		
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84	N		
85	N		
86	N		
87	N		
88	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
89		WG	64		W431	KNEE	18-Oct-2007 N		N	N	N	5 N	
90		HX	69		W371	HIP	19-Oct-2007 N		N	N	N	4 N	
91		NT	51		W381	HIP	19-Oct-2007 N		N	N	N	11 Y	
92		WG	76		W371	HIP	19-Oct-2007 N		N	N	N	11 N	
93		WG	65		W431	KNEE	19-Oct-2007 N		N	N	N	11 N	
94		WG	79		W431	KNEE	19-Oct-2007 N		N	N	N	6 N	
95		HX	80		W371	HIP	19-Oct-2007 N		N	N	N	6 N	
96		HX	73		W371	HIP	19-Oct-2007 N		N	N	N	4 N	
97		HX	68		W431	KNEE	19-Oct-2007 N		N	N	N	3 N	
98		NT	66		W431	KNEE	20-Oct-2007 N		N	N	N	5 N	
99		NT	63		W381	HIP	20-Oct-2007 N		N	N	N	5 N	
100		NT	79		W431	KNEE	20-Oct-2007 N		N	N	N	6 N	
101		WG	67		W431	KNEE	20-Oct-2007 N		N	N	N	4 N	
102		WG	58		W431	KNEE	20-Oct-2007 N		N	N	N	8 N	
103		WG	75		W431	KNEE	20-Oct-2007 N		N	N	N	4 N	
104		HX	74		W431	KNEE	20-Oct-2007 N		N	N	N	4 N	
105		HX	71		W431	KNEE	20-Oct-2007 N		N	N	N	6 N	
106		HX	75		W431	KNEE	20-Oct-2007 N		N	N	N	8 N	
107		HX	71		W371	HIP	20-Oct-2007 N		N	N	N	4 N	
108		NT	79		W431	KNEE	22-Oct-2007 N		N	N	N	4 N	
109		NT	82		W431	KNEE	22-Oct-2007 N		N	N	N	10 N	
110		NT	76		W371	HIP	22-Oct-2007 N		N	N	N	10 N	
111		HX	52		W431	KNEE	22-Oct-2007 N		N	N	N	5 N	
112		HX	64		W431	KNEE	22-Oct-2007 N		N	N	N	4 N	
113		HX	72		W371	HIP	22-Oct-2007 N		N	N	N	8 N	
114		HX	72		W371	HIP	22-Oct-2007 N		N	N	N	6 N	
115		HX	67		W371	HIP	22-Oct-2007 N		N	N	N	7 N	
116		HX	69		W371	HIP	23-Oct-2007 N		N	N	N	4 N	
117		WG	77		W431	KNEE	23-Oct-2007 N		N	N	N	5 N	
118		WG	67		W431	KNEE	23-Oct-2007 N		N	N	N	7 N	
119		WG	83		W431	KNEE	23-Oct-2007 N		N	N	N	4 N	
120		HX	66		W371	HIP	23-Oct-2007 N		N	N	N	4 N	
121		HX	50		W381	HIP	23-Oct-2007 N		N	N	N	6 N	
122		WG	65		W431	KNEE	24-Oct-2007 N		N	N	N	4 N	
123		WG	61		W371	HIP	24-Oct-2007 N		N	N	N	7 N	
124		NT	73		W371	HIP	25-Oct-2007 N		N	N	N	6 N	
125		WG	75		W431	KNEE	25-Oct-2007 N		N	N	N	7 N	
126		WG	68		W431	KNEE	25-Oct-2007 N		N	N	N	5 N	
127		WG	58		W381	HIP	26-Oct-2007 N		N	N	N	5 N	
128		WG	76		W371	HIP	26-Oct-2007 N		N	N	N	21 N	
129		HX	65		W431	KNEE	26-Oct-2007 N		N	N	N	5 N	
130		WG	76		W431	KNEE	26-Oct-2007 N		N	N	N	20 N	
131		HX	63		W381	HIP	26-Oct-2007 N		N	N	N	5 N	
132		HX	77		W421	KNEE	26-Oct-2007 N		N	N	N	17 N	
133		HX	76		W371	HIP	27-Oct-2007 N		N	N	N	7 N	
134		NT	59		W431	KNEE	29-Oct-2007 N		N	N	N	7 N	
135		WG	51		W371	HIP	29-Oct-2007 N		N	N	N	5 N	
136		HX	59		W381	HIP	29-Oct-2007 N		N	N	N	5 N	
137		WG	73		W431	KNEE	29-Oct-2007 N		N	N	N	5 N	
138		WG	78		W431	KNEE	29-Oct-2007 N		N	N	N	5 N	
139		HX	67		W371	HIP	29-Oct-2007 N		N	N	N	5 N	
140		HX	67		W431	KNEE	29-Oct-2007 N		N	N	N	6 N	
141		NT	75		W421	KNEE	30-Oct-2007 N		N	N	N	8 N	
142		NT	56		W431	KNEE	30-Oct-2007 N		N	N	N	4 N	
143		NT	59		W421	KNEE	30-Oct-2007 N		N	N	N	8 N	
144		HX	84		W431	KNEE	30-Oct-2007 N		N	N	N	8 N	
145		WG	72		W371	HIP	30-Oct-2007 N		N	N	N	8 N	
146		WG	69		W431	KNEE	30-Oct-2007 N		N	N	N	7 N	
147		WG	76		W431	KNEE	30-Oct-2007 N		N	N	N	8 N	
148		WG	59		W371	HIP	30-Oct-2007 N		N	N	N	4 N	
149		WG	73		W431	KNEE	30-Oct-2007 N		N	N	N	4 N	
150		WG	82		W431	KNEE	30-Oct-2007 N		N	N	N	3 N	
151		WC	83		W371	HIP	30-Oct-2007 N		N	N	N	5 N	
152		HX	51		W371	HIP	30-Oct-2007 N		N	N	N	9 Y	
153		HX	83		W371	HIP	30-Oct-2007 N		N	N	N	10 N	
154		NT	49		W371	HIP	30-Oct-2007 N		N	N	N	4 N	
155		NT	69		W431	KNEE	31-Oct-2007 N		N	N	N	10 N	
156		WG	78		W431	KNEE	31-Oct-2007 N		N	N	N	14 N	
157		WG	75		W371	HIP	31-Oct-2007 N		N	N	N	6 N	
158		WG	65		W431	KNEE	31-Oct-2007 N		N	N	N	9 N	
159		HX	69		W431	KNEE	31-Oct-2007 N		N	N	N	9 N	
160		HX	81		W371	HIP	31-Oct-2007 N		N	N	N	9 N	
161		WG	73		W431	KNEE	31-Oct-2007 N		N	N	N	9 N	
162		WG	78		W371	HIP	31-Oct-2007 N		N	N	N	9 N	
163		WG	87		W431	KNEE	01-Nov-2007 N		N	N	N	6 N	
164		WG	78		W431	KNEE	01-Nov-2007 N		N	N	N	5 N	
165		NT	82		W431	KNEE	01-Nov-2007 N		N	N	N	15 N	
166		NT	75		W371	HIP	01-Nov-2007 N		N	N	N	9 N	
167		NT	76		W371	HIP	01-Nov-2007 N		N	N	N	10 N	
168		NT	81		W431	KNEE	01-Nov-2007 N		N	N	N	13 N	
169		HX	69		W381	HIP	01-Nov-2007 N		N	N	N	6 N	
170		NT	64		W431	KNEE	02-Nov-2007 N		N	N	N	16 N	
171		HX	67		W371	HIP	02-Nov-2007 N		N	N	N	5 N	
172		HX	72		W371	HIP	02-Nov-2007 N		N	N	N	4 N	
173		HX	70		W431	KNEE	02-Nov-2007 N		N	N	N	6 N	
174		HX	63		W431	KNEE	02-Nov-2007 N		N	N	N	6 N	
175		HX	75		W431	KNEE	02-Nov-2007 N		N	N	N	6 N	
176		HX	60		W371	HIP	02-Nov-2007 N		N	N	N	5 N	

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
89	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E668
90	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
91	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
92	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
93	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	8	1	N	
94	Y	N	N	N	Y	N	N	N	N	Y	N	N	N	N	#NULL!	1	N	
95	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	0	N	
96	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
97	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
98	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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100	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
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118	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
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123	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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125	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	1	N	
126	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
127	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
128	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
129	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
130	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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	A	B	C	D	E	F	G	H	I	J	K	L	M
177		WG	74		W371	HIP	03-Nov-2007 N	N	N	N	N	5 N	
178		WG	74		W371	HIP	03-Nov-2007 N	N	N	N	N	7 N	
179		WG	72		W371	HIP	03-Nov-2007 N	N	N	N	N	11 N	
180		WG	70		W401	KNEE	03-Nov-2007 N	N	N	N	N	7 N	
181		NT	64		W421	KNEE	03-Nov-2007 N	N	N	N	N	6 N	
182		NT	59		W401	KNEE	03-Nov-2007 N	N	N	N	N	7 N	
183		NT	71		W381	HIP	03-Nov-2007 N	N	N	N	N	5 N	
184		HX	59		W401	KNEE	03-Nov-2007 N	N	N	N	N	4 N	
185		HX	68		W401	KNEE	03-Nov-2007 N	N	N	N	Y	4 N	
186		HX	66		W401	KNEE	03-Nov-2007 N	N	N	N	N	4 N	
187		NT	68		W381	HIP	05-Nov-2007 N	N	N	N	N	10 N	
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189		HX	68		W371	HIP	05-Nov-2007 N	N	N	N	N	4 N	
190		HX	69		W371	HIP	05-Nov-2007 N	N	N	N	N	4 N	
191		HX	73		W401	KNEE	05-Nov-2007 N	N	N	N	N	6 N	
192		WG	75		W401	KNEE	06-Nov-2007 N	N	N	N	N	5 N	
193		WG	84		W401	KNEE	06-Nov-2007 N	N	N	N	N	64 N	
194		WG	61		W401	KNEE	06-Nov-2007 N	N	N	N	N	4 N	
195		WG	80		W371	HIP	06-Nov-2007 N	N	N	N	N	8 N	
196		WG	68		W401	KNEE	06-Nov-2007 N	N	N	N	N	5 N	
197		WG	78		W401	KNEE	06-Nov-2007 N	N	N	N	N	23 N	
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200		NT	86		W371	HIP	06-Nov-2007 N	N	N	N	N	12 N	
201		NT	63		W401	KNEE	06-Nov-2007 N	N	N	N	N	15 N	
202		NT	63		W381	HIP	06-Nov-2007 N	N	N	N	N	4 N	
203		HX	67		W401	KNEE	06-Nov-2007 N	N	N	N	N	13 N	
204		HX	57		W381	HIP	06-Nov-2007 N	N	N	N	N	4 N	
205		NT	63		W401	KNEE	06-Nov-2007 N	N	N	N	N	4 N	
206		WG	61		W401	KNEE	07-Nov-2007 N	N	N	N	N	6 N	
207		WG	69		W401	KNEE	07-Nov-2007 N	N	N	N	N	7 N	
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209		NT	79		W401	KNEE	07-Nov-2007 N	N	N	N	N	6 N	
210		NT	52		W401	KNEE	07-Nov-2007 N	N	N	N	N	9 N	
211		NT	77		W401	KNEE	07-Nov-2007 N	N	N	N	N	10 N	
212		WG	72		W371	HIP	07-Nov-2007 N	N	N	N	N	3 N	
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214		HX	59		W401	KNEE	08-Nov-2007 N	N	N	N	N	5 N	
215		NT	69		W371	HIP	08-Nov-2007 N	N	N	N	N	9 N	
216		NT	77		W371	HIP	08-Nov-2007 N	N	N	N	N	14 N	
217		HX	75		W371	HIP	08-Nov-2007 N	N	N	N	N	7 N	
218		HX	63		W401	KNEE	09-Nov-2007 N	N	N	N	N	4 N	
219		HX	68		W401	KNEE	09-Nov-2007 N	N	N	N	N	5 N	
220		HX	71		W401	KNEE	09-Nov-2007 N	N	N	N	N	5 N	
221		HX	61		W371	HIP	09-Nov-2007 N	N	N	N	N	5 N	
222		WG	74		W401	KNEE	10-Nov-2007 N	N	N	N	N	7 N	
223		WG	72		W401	KNEE	10-Nov-2007 N	N	N	N	N	5 N	
224		HX	68		W371	HIP	10-Nov-2007 N	N	N	N	N	9 N	
225		HX	92		W401	KNEE	10-Nov-2007 N	N	N	N	N	12 N	
226		HX	49		W371	HIP	12-Nov-2007 N	N	N	N	N	4 N	
227		NT	62		W401	KNEE	12-Nov-2007 N	N	N	N	N	9 N	
228		HX	69		W401	KNEE	12-Nov-2007 N	N	N	N	N	4 N	
229		NT	57		W381	HIP	13-Nov-2007 N	N	N	N	N	7 N	
230		NT	75		W401	KNEE	13-Nov-2007 N	N	N	N	N	8 N	
231		WG	84		W371	HIP	13-Nov-2007 N	N	N	N	N	7 N	
232		WG	75		W401	KNEE	13-Nov-2007 N	N	N	N	N	5 N	
233		WG	66		W371	HIP	13-Nov-2007 N	N	N	N	N	6 N	
234		WG	76		W371	HIP	13-Nov-2007 N	N	N	N	N	10 N	
235		WG	74		W401	KNEE	13-Nov-2007 N	N	N	N	N	7 N	
236		NT	81		W371	HIP	13-Nov-2007 N	N	N	N	N	23 N	
237		NT	53		W421	KNEE	13-Nov-2007 N	N	N	N	N	7 N	
238		WG	75		W401	KNEE	13-Nov-2007 N	N	N	N	N	16 N	
239		WG	65		W371	HIP	14-Nov-2007 N	N	N	N	N	10 N	
240		NT	72		W401	KNEE	14-Nov-2007 N	N	N	N	N	14 N	
241		HX	52		W401	KNEE	14-Nov-2007 N	N	N	N	N	4 N	
242		WG	82		W401	KNEE	14-Nov-2007 N	N	N	N	N	5 N	
243		WG	52		W401	KNEE	14-Nov-2007 N	N	N	N	N	4 N	
244		NT	64		W401	KNEE	15-Nov-2007 N	N	N	N	N	21 N	
245		WG	67		W371	HIP	15-Nov-2007 N	N	N	N	N	6 N	
246		HX	67		W381	HIP	15-Nov-2007 N	N	N	N	N	5 N	
247		WG	67		W401	KNEE	16-Nov-2007 N	N	N	N	N	10 N	
248		NT	79		W371	HIP	16-Nov-2007 N	N	N	N	N	9 N	
249		WG	93		W401	KNEE	16-Nov-2007 N	N	N	N	N	6 N	
250		WG	71		W371	HIP	16-Nov-2007 N	N	N	N	N	5 N	
251		HX	69		W371	HIP	16-Nov-2007 N	N	N	N	N	4 N	
252		WG	74		W401	KNEE	17-Nov-2007 N	N	N	N	N	11 N	
253		WG	63		W401	KNEE	17-Nov-2007 N	N	N	N	N	5 N	
254		WG	60		W401	KNEE	17-Nov-2007 N	N	N	N	N	5 N	
255		WG	67		W401	KNEE	17-Nov-2007 N	N	N	N	N	11 N	
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257		HX	68		W401	KNEE	17-Nov-2007 N	N	N	N	N	3 N	
258		HX	59		W371	HIP	19-Nov-2007 N	N	N	N	N	4 N	
259		HX	59		W381	HIP	19-Nov-2007 N	N	N	N	N	4 N	
260		WG	75		W401	KNEE	20-Nov-2007 N	N	N	N	N	4 N	
261		WG	64		W371	HIP	20-Nov-2007 N	N	N	N	N	4 N	
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263		HX	77		W401	KNEE	20-Nov-2007 N	N	N	N	N	5 N	
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[illegible]

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229	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
230	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
232	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
233	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
234	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	Y	
235	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
236	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
237	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
238	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	#NULL!	0	N	
239	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
240	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	1	N	
241	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
242	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
243	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
244	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
245	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
246	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
247	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
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251	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
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258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
260	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
261	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
262	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
263	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	

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	BF	BG	BH
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264	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
265		WG	86		W401	KNEE	20-Nov-2007	Y	Y	N	N	26	N
266		NT	71		W401	KNEE	20-Nov-2007	N	N	N	N	10	N
267		WG	80		W401	KNEE	20-Nov-2007	N	N	N	N	16	N
268		HX	68		W371	HIP	20-Nov-2007	N	N	N	N	6	N
269		WG	81		W371	HIP	21-Nov-2007	N	N	N	N	13	N
270		NT	75		W421	KNEE	21-Nov-2007	N	N	N	N	7	N
271		NT	71		W401	KNEE	21-Nov-2007	N	N	N	N	7	N
272		HX	82		W371	HIP	21-Nov-2007	N	N	N	N	8	N
273		NT	49		W401	KNEE	21-Nov-2007	N	N	N	N	14	N
274		WG	57		W371	HIP	21-Nov-2007	N	N	N	N	5	N
275		WG	71		W401	KNEE	21-Nov-2007	N	N	N	N	7	N
276		NT	79		W401	KNEE	22-Nov-2007	N	N	N	N	7	N
277		NT	69		W421	KNEE	22-Nov-2007	N	N	N	N	5	N
278		NT	77		W371	HIP	22-Nov-2007	N	N	N	N	19	N
279		WG	47		W381	HIP	22-Nov-2007	N	N	N	N	6	N
280		WG	77		W401	KNEE	22-Nov-2007	N	N	N	N	6	N
281		HX	81		W401	KNEE	22-Nov-2007	N	N	N	N	6	N
282		NT	69		W371	HIP	22-Nov-2007	N	N	N	N	7	N
283		WG	87		W401	KNEE	22-Nov-2007	N	N	N	N	6	N
284		WG	71		W401	KNEE	23-Nov-2007	N	N	N	N	5	N
285		WG	54		W401	KNEE	23-Nov-2007	N	N	N	N	5	N
286		WG	72		W371	HIP	23-Nov-2007	N	N	N	N	5	N
287		WG	89		W401	KNEE	24-Nov-2007	N	N	N	N	7	N
288		WG	71		W401	KNEE	24-Nov-2007	N	N	N	N	5	N
289		WG	71		W401	KNEE	24-Nov-2007	N	N	N	N	8	N
290		HX	62		W401	KNEE	24-Nov-2007	N	N	N	N	3	N
291		HX	51		W371	HIP	24-Nov-2007	N	N	N	N	8	N
292		WG	64		W401	KNEE	26-Nov-2007	N	N	N	N	6	N
293		WG	60		W371	HIP	26-Nov-2007	N	N	N	N	5	N
294		HX	53		W371	HIP	26-Nov-2007	N	N	N	N	7	N
295		WG	75		W401	KNEE	27-Nov-2007	N	N	N	N	6	N
296		NT	71		W381	HIP	27-Nov-2007	N	N	N	N	5	N
297		NT	75		W401	KNEE	27-Nov-2007	N	N	N	N	17	N
298		NT	75		W401	KNEE	27-Nov-2007	N	N	N	N	10	N
299		WG	57		W401	KNEE	27-Nov-2007	N	N	N	N	5	N
300		WG	86		W371	HIP	27-Nov-2007	N	N	N	N	14	N
301		WG	79		W401	KNEE	27-Nov-2007	N	N	N	N	8	N
302		WG	85		W401	KNEE	27-Nov-2007	N	N	N	N	10	N
303		WG	56		W401	KNEE	27-Nov-2007	N	N	N	N	7	N
304		HX	76		W401	KNEE	27-Nov-2007	N	N	N	N	5	N
305		WG	59		W401	KNEE	28-Nov-2007	N	N	N	N	7	N
306		WG	64		W401	KNEE	28-Nov-2007	N	N	N	N	6	N
307		WG	77		W371	HIP	28-Nov-2007	N	N	N	N	13	N
308		WG	75		W371	HIP	28-Nov-2007	N	N	N	N	10	N
309		NT	57		W411	KNEE	28-Nov-2007	N	N	N	N	6	N
310		HX	77		W371	HIP	28-Nov-2007	N	N	N	N	7	N
311		WG	67		W371	HIP	28-Nov-2007	N	N	N	N	5	N
312		NT	70		W381	HIP	28-Nov-2007	N	N	N	N	5	N
313		HX	81		W401	KNEE	28-Nov-2007	N	N	N	N	11	N
314		HX	49		W401	KNEE	28-Nov-2007	N	N	N	N	6	N
315		HX	64		W381	HIP	28-Nov-2007	N	N	N	N	6	N
316		WG	62		W401	KNEE	29-Nov-2007	N	N	N	N	6	N
317		NT	68		W371	HIP	29-Nov-2007	N	N	N	N	9	N
318		WG	76		W371	HIP	29-Nov-2007	N	N	N	N	21	N
319		WG	74		W371	HIP	29-Nov-2007	N	N	N	N	8	N
320		WG	75		W371	HIP	29-Nov-2007	N	N	N	N	6	N
321		WG	70		W401	KNEE	29-Nov-2007	N	N	N	N	5	N
322		HX	63		W401	KNEE	29-Nov-2007	N	N	N	N	5	N
323		HX	82		W401	KNEE	29-Nov-2007	N	N	N	N	5	N
324		HX	75		W401	KNEE	30-Nov-2007	N	N	N	N	7	N
325		NT	73		W381	HIP	30-Nov-2007	N	N	N	N	19	N
326		NT	54		W401	KNEE	30-Nov-2007	N	N	N	N	7	N
327		HX	70		W401	KNEE	30-Nov-2007	N	N	N	N	4	N
328		HX	50		W381	HIP	30-Nov-2007	N	N	N	N	5	N
329		WG	62		W401	KNEE	01-Dec-2007	N	N	N	N	17	N
330		WG	60		W401	KNEE	01-Dec-2007	N	N	N	N	6	N
331		WG	73		W371	HIP	01-Dec-2007	N	N	N	N	6	N
332		WG	84		W401	KNEE	01-Dec-2007	N	N	N	N	14	N
333		WG	54		W401	KNEE	01-Dec-2007	N	N	N	N	5	N
334		HX	78		W371	HIP	01-Dec-2007	N	N	N	N	6	N
335		HX	65		W381	HIP	01-Dec-2007	N	N	N	N	4	N
336		HX	66		W401	KNEE	01-Dec-2007	N	N	N	N	4	N
337		HX	57		W401	KNEE	01-Dec-2007	N	N	N	N	5	N
338		HX	62		W401	KNEE	01-Dec-2007	N	N	N	N	6	N
339		NT	76		W401	KNEE	03-Dec-2007	N	N	N	N	6	N
340		WG	62		W401	KNEE	03-Dec-2007	N	N	N	N	5	N
341		WG	88		W371	HIP	03-Dec-2007	N	N	N	N	19	N
342		WG	82		W401	KNEE	03-Dec-2007	N	N	N	N	9	N
343		HX	70		W401	KNEE	03-Dec-2007	N	N	N	N	5	N
344		HX	82		W371	HIP	03-Dec-2007	N	N	N	N	8	N
345		WG	56		W401	KNEE	03-Dec-2007	N	N	N	N	5	N
346		NT	51		W401	KNEE	04-Dec-2007	N	N	N	N	6	N
347		NT	85		W401	KNEE	04-Dec-2007	N	N	N	N	21	N
348		WG	77		W371	HIP	04-Dec-2007	N	N	N	N	7	N
349		WG	70		W401	KNEE	04-Dec-2007	N	N	N	N	9	N
350		HX	60		W401	KNEE	04-Dec-2007	N	N	N	N	4	N
351		HX	65		W401	KNEE	04-Dec-2007	N	N	N	N	3	N
352		WG	53		W371	HIP	04-Dec-2007	N	N	N	N	3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
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266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
267	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
269	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	Y	N
270	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
271	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
273	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
276	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
277	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
279	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
281	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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283	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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285	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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289	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
291	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
293	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
294	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
296	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
303	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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306	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
309	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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311	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	Y	N
312	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
313	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
314	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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317	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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	A	B	C	D	E	F	G	H	I	J	K	L	M
353		WG	59		W431	KNEE	05-Dec-2007	N	N	N	N	7 N	
354		WG	65		W371	HIP	05-Dec-2007	N	N	N	N	6 N	
355		WG	55		W431	KNEE	05-Dec-2007	N	N	N	N	6 N	
356		NT	57		W371	HIP	05-Dec-2007	N	N	N	N	11 N	
357		HX	57		W371	HIP	05-Dec-2007	N	N	N	N	5 N	
358		WG	73		W371	HIP	05-Dec-2007	N	N	N	N	9 N	
359		WG	68		W431	KNEE	06-Dec-2007	N	N	N	N	7 N	
360		WG	60		W381	HIP	06-Dec-2007	N	N	N	N	5 N	
361		NT	76		W431	KNEE	06-Dec-2007	N	N	N	N	7 N	
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363		HX	78		W371	HIP	06-Dec-2007	N	N	N	N	14 N	
364		HX	65		W381	HIP	06-Dec-2007	N	N	N	N	12 N	
365		WG	81		W431	KNEE	06-Dec-2007	N	N	N	N	9 N	
366		WG	69		W371	HIP	07-Dec-2007	N	N	N	N	5 N	
367		HX	64		W431	KNEE	07-Dec-2007	N	N	N	N	5 N	
368		HX	64		W381	HIP	07-Dec-2007	N	N	N	N	5 N	
369		HX	66		W381	HIP	08-Dec-2007	N	N	N	N	4 N	
370		HX	75		W431	KNEE	08-Dec-2007	N	N	N	N	6 N	
371		WG	72		W371	HIP	10-Dec-2007	N	N	N	N	5 N	
372		HX	81		W431	KNEE	10-Dec-2007	N	N	N	N	10 N	
373		HX	61		W431	KNEE	10-Dec-2007	N	N	N	N	8 N	
374		HX	63		W381	HIP	10-Dec-2007	N	N	N	N	4 N	
375		HX	61		W371	HIP	10-Dec-2007	N	N	N	N	4 N	
376		WG	58		W371	HIP	11-Dec-2007	N	N	N	N	8 N	
377		WG	77		W431	KNEE	11-Dec-2007	N	N	N	N	5 N	
378		WG	80		W371	HIP	11-Dec-2007	N	N	N	N	6 N	
379		HX	79		W431	KNEE	11-Dec-2007	N	N	N	N	4 N	
380		HX	64		W431	KNEE	11-Dec-2007	N	N	N	N	4 N	
381		WG	63		W431	KNEE	11-Dec-2007	N	N	N	N	3 N	
382		NT	67		W431	KNEE	12-Dec-2007	N	N	N	N	9 N	
383		WG	63		W431	KNEE	12-Dec-2007	N	N	N	N	5 N	
384		NT	79		W371	HIP	12-Dec-2007	N	N	N	N	8 N	
385		WG	65		W371	HIP	12-Dec-2007	N	N	N	N	6 N	
386		WG	70		W431	KNEE	12-Dec-2007	N	N	N	N	13 N	
387		WG	82		W371	HIP	13-Dec-2007	N	N	N	N	23 N	
388		WG	61		W371	HIP	13-Dec-2007	N	N	N	N	9 N	
389		NT	78		W371	HIP	13-Dec-2007	N	N	N	N	6 N	
390		NT	77		W421	KNEE	14-Dec-2007	N	N	N	N	9 N	
391		NT	77		W371	HIP	14-Dec-2007	N	N	N	N	7 N	
392		NT	81		W431	KNEE	15-Dec-2007	N	N	N	N	9 N	
393		WG	69		W371	HIP	15-Dec-2007	N	N	N	N	10 Y	
394		WG	67		W431	KNEE	15-Dec-2007	N	N	N	N	4 N	
395		WG	71		W371	HIP	15-Dec-2007	N	N	N	N	4 N	
396		NT	60		W411	KNEE	15-Dec-2007	N	N	N	N	7 N	
397		NT	68		W431	KNEE	15-Dec-2007	N	N	N	N	10 N	
398		HX	74		W431	KNEE	15-Dec-2007	N	N	N	N	7 N	
399		WG	69		W431	KNEE	15-Dec-2007	N	N	N	N	4 N	
400		HX	53		W371	HIP	17-Dec-2007	N	N	N	N	4 N	
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402		HX	76		W431	KNEE	17-Dec-2007	N	N	N	N	5 N	
403		HX	61		W431	KNEE	17-Dec-2007	N	N	N	N	5 N	
404		WG	76		W431	KNEE	18-Dec-2007	N	N	N	N	7 N	
405		WG	75		W431	KNEE	18-Dec-2007	N	N	N	N	11 N	
406		WG	68		W431	KNEE	18-Dec-2007	N	N	N	N	6 N	
407		WG	72		W431	KNEE	18-Dec-2007	N	N	N	N	5 N	
408		WG	86		W371	HIP	18-Dec-2007	N	N	N	N	7 N	
409		WG	70		W431	KNEE	19-Dec-2007	N	N	N	N	9 N	
410		WG	65		W371	HIP	19-Dec-2007	N	N	N	N	6 N	
411		HX	69		W371	HIP	19-Dec-2007	N	N	N	N	7 N	
412		WG	80		W371	HIP	19-Dec-2007	N	N	N	N	37 N	
413		WG	53		W431	KNEE	19-Dec-2007	N	N	N	N	5 N	
414		WG	53		W431	KNEE	20-Dec-2007	N	N	N	N	9 N	
415		WG	78		W431	KNEE	20-Dec-2007	N	N	N	N	5 N	
416		WG	67		W431	KNEE	20-Dec-2007	N	N	N	N	5 N	
417		WG	57		W431	KNEE	20-Dec-2007	N	N	N	N	5 N	
418		NT	76		W371	HIP	21-Dec-2007	N	N	N	N	11 N	
419		NT	78		W371	HIP	21-Dec-2007	N	N	N	N	14 N	
420		NT	50		W381	HIP	21-Dec-2007	N	N	N	N	6 N	
421		WG	63		W371	HIP	27-Dec-2007	N	N	N	N	9 N	
422		WG	89		W371	HIP	27-Dec-2007	N	N	N	N	9 N	
423		WG	78		W371	HIP	27-Dec-2007	N	N	N	N	8 N	
424		WG	82		W371	HIP	28-Dec-2007	N	N	N	N	20 N	
425		WG	71		W431	KNEE	02-Jan-2008	N	N	N	N	29 N	
426		WG	74		W431	KNEE	02-Jan-2008	N	N	N	N	6 N	
427		NT	54		W381	HIP	02-Jan-2008	N	N	N	N	7 N	
428		NT	60		W431	KNEE	02-Jan-2008	N	N	N	N	7 N	
429		NT	37		W381	HIP	02-Jan-2008	N	N	N	N	6 N	
430		WG	79		W431	KNEE	02-Jan-2008	N	N	N	N	4 N	
431		NT	38		W371	HIP	03-Jan-2008	N	N	N	N	10 N	
432		NT	79		W431	KNEE	03-Jan-2008	N	N	N	N	12 N	
433		NT	76		W431	KNEE	03-Jan-2008	N	N	N	N	9 N	
434		WG	85		W431	KNEE	03-Jan-2008	N	N	N	N	14 N	
435		HX	64		W431	KNEE	03-Jan-2008	N	N	N	N	5 N	
436		HX	76		W431	KNEE	04-Jan-2008	N	N	N	N	7 N	
437		WG	78		W371	HIP	04-Jan-2008	N	N	N	N	5 N	
438		WG	58		W431	KNEE	04-Jan-2008	N	N	N	N	5 N	
439		HX	74		W381	HIP	04-Jan-2008	N	N	N	N	7 N	
440		HX	76		W431	KNEE	04-Jan-2008	N	N	N	N	7 N	

[illegible]

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440	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
441		WG	77		W401	KNEE	07-Jan-2008	N	N	N	N	9	N
442		NT	67		W401	KNEE	07-Jan-2008	N	N	N	N	5	N
443		HX	56		W371	HIP	07-Jan-2008	N	N	N	N	4	N
444		NT	69		W401	KNEE	07-Jan-2008	N	N	N	N	4	N
445		WG	81		W371	HIP	08-Jan-2008	N	N	N	N	12	N
446		NT	50		W401	KNEE	08-Jan-2008	N	N	N	N	15	N
447		WG	62		W371	HIP	09-Jan-2008	N	N	N	N	9	N
448		WG	77		W401	KNEE	09-Jan-2008	N	N	N	N	6	N
449		HX	61		W401	KNEE	09-Jan-2008	N	N	N	N	6	N
450		HX	66		W401	KNEE	09-Jan-2008	N	N	N	N	5	N
451		HX	75		W371	HIP	10-Jan-2008	N	N	N	N	7	N
452		WG	64		W371	HIP	10-Jan-2008	N	N	N	N	5	N
453		WG	71		W371	HIP	10-Jan-2008	N	N	N	N	5	N
454		WG	72		W401	KNEE	10-Jan-2008	N	N	N	N	7	N
455		HX	82		W371	HIP	10-Jan-2008	N	N	N	N	12	N
456		HX	58		W381	HIP	10-Jan-2008	N	N	N	N	5	N
457		HX	73		W401	KNEE	11-Jan-2008	N	N	N	N	4	N
458		WG	86		W401	KNEE	11-Jan-2008	N	N	N	N	9	N
459		WG	77		W401	KNEE	11-Jan-2008	N	N	N	N	15	N
460		HX	51		W381	HIP	11-Jan-2008	N	N	N	N	5	N
461		NT	63		W401	KNEE	12-Jan-2008	N	N	N	N	6	N
462		NT	35		W381	HIP	12-Jan-2008	N	N	N	N	6	N
463		NT	86		W371	HIP	12-Jan-2008	N	N	N	N	33	N
464		NT	63		W381	HIP	12-Jan-2008	N	N	N	N	7	N
465		WG	56		W401	KNEE	14-Jan-2008	N	N	N	N	1	N
466		WG	79		W401	KNEE	14-Jan-2008	N	N	N	N	6	N
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468		HX	75		W401	KNEE	14-Jan-2008	N	N	N	N	5	N
469		HX	72		W371	HIP	14-Jan-2008	N	N	N	N	7	N
470		HX	60		W401	KNEE	14-Jan-2008	N	N	N	N	7	N
471		HX	71		W401	KNEE	15-Jan-2008	N	N	N	N	6	N
472		WG	72		W371	HIP	15-Jan-2008	N	N	N	N	6	N
473		WG	67		W371	HIP	15-Jan-2008	N	N	N	N	7	N
474		WG	56		W401	KNEE	15-Jan-2008	N	N	N	N	7	N
475		WG	59		W401	KNEE	15-Jan-2008	N	N	N	N	5	N
476		WG	69		W371	HIP	15-Jan-2008	N	N	N	N	9	N
477		HX	70		W401	KNEE	15-Jan-2008	N	N	N	N	5	N
478		NT	49		W381	HIP	15-Jan-2008	N	N	N	N	7	N
479		NT	77		W401	KNEE	15-Jan-2008	N	N	N	N	8	N
480		HX	66		W381	HIP	15-Jan-2008	N	N	N	N	4	N
481		WG	79		W401	KNEE	15-Jan-2008	N	N	N	N	12	N
482		NT	67		W381	HIP	15-Jan-2008	N	N	N	N	7	N
483		WG	50		W371	HIP	16-Jan-2008	N	N	N	N	6	N
484		WG	61		W371	HIP	16-Jan-2008	N	N	N	N	4	N
485		WG	69		W401	KNEE	16-Jan-2008	N	N	N	N	5	N
486		NT	67		W401	KNEE	16-Jan-2008	N	N	N	N	8	N
487		HX	67		W371	HIP	16-Jan-2008	N	N	N	N	5	N
488		WG	84		W401	KNEE	16-Jan-2008	N	N	N	N	6	N
489		WG	76		W401	KNEE	17-Jan-2008	N	N	N	N	4	N
490		WG	85		W401	KNEE	17-Jan-2008	N	N	N	N	8	N
491		WG	78		W401	KNEE	17-Jan-2008	N	N	N	N	5	N
492		NT	66		W401	KNEE	17-Jan-2008	N	N	N	N	9	N
493		NT	83		W371	HIP	17-Jan-2008	N	N	N	N	10	N
494		NT	56		W411	KNEE	17-Jan-2008	N	N	N	N	6	N
495		WG	70		W401	KNEE	18-Jan-2008	N	N	N	N	7	N
496		WG	67		W401	KNEE	18-Jan-2008	N	N	N	N	6	N
497		WG	67		W401	KNEE	18-Jan-2008	N	N	N	N	4	N
498		NT	78		W381	HIP	19-Jan-2008	N	N	N	N	6	N
499		WG	77		W401	KNEE	21-Jan-2008	N	N	N	N	6	N
500		WG	79		W401	KNEE	21-Jan-2008	N	N	N	N	4	N
501		HX	75		W371	HIP	21-Jan-2008	N	N	N	N	5	N
502		HX	79		W401	KNEE	21-Jan-2008	N	N	N	N	9	N
503		NT	55		W411	KNEE	21-Jan-2008	N	N	N	N	10	N
504		WG	74		W401	KNEE	22-Jan-2008	N	N	N	N	6	N
505		WG	66		W401	KNEE	22-Jan-2008	N	N	N	N	6	N
506		WG	55		W371	HIP	22-Jan-2008	N	N	N	N	11	N
507		WG	71		W371	HIP	22-Jan-2008	N	N	N	N	7	N
508		WG	71		W401	KNEE	22-Jan-2008	N	N	N	N	8	N
509		NT	67		W381	HIP	22-Jan-2008	N	N	N	N	9	N
510		HX	70		W371	HIP	22-Jan-2008	N	N	N	N	4	N
511		NT	79		W401	KNEE	22-Jan-2008	N	N	N	N	7	N
512		HX	63		W401	KNEE	23-Jan-2008	N	N	N	N	6	N
513		HX	71		W401	KNEE	23-Jan-2008	N	N	N	N	6	N
514		NT	73		W381	HIP	23-Jan-2008	N	N	N	N	8	N
515		NT	76		W401	KNEE	23-Jan-2008	N	N	N	N	8	N
516		NT	51		W401	KNEE	23-Jan-2008	N	N	N	N	5	N
517		HX	69		W381	HIP	24-Jan-2008	N	N	N	N	7	N
518		WG	74		W371	HIP	24-Jan-2008	N	N	N	N	12	N
519		NT	77		W401	KNEE	24-Jan-2008	N	N	N	N	7	N
520		NT	80		W381	HIP	24-Jan-2008	N	N	N	N	9	N
521		NT	63		W381	HIP	24-Jan-2008	N	N	N	N	7	N
522		HX	78		W401	KNEE	24-Jan-2008	N	N	N	N	5	N
523		HX	71		W371	HIP	24-Jan-2008	N	N	N	N	14	N
524		HX	80		W371	HIP	24-Jan-2008	N	N	N	N	7	N
525		NT	58		W421	KNEE	25-Jan-2008	N	N	N	N	5	N
526		NT	81		W381	HIP	25-Jan-2008	N	N	N	N	56	N
527		HX	71		W371	HIP	25-Jan-2008	N	N	N	N	5	N
528		NT	65		W381	HIP	26-Jan-2008	N	N	N	N	12	N

[illegible]

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476	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	1	N	
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506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
507	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
508	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
509	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
510	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
511	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
512	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
513	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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515	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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517	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
518	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
519	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E689
520	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
521	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
522	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
523	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
524	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
525	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
526	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	Y	
527	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
441	0							
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	BF	BG	BH
441	N		
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470	N		
471	N		
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474	N		
475	N		
476	YES 01/02/08	Staph. Aureus & Enterococcus	2/1/2008
477	N		
478	YES		
479	N		
480	N		
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483	N		
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526	N		
527	N		
528	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
529	NT	67			W371	HIP	26-Jan-2008	N	N	N	N	15	N
530	HX	68			W371	HIP	28-Jan-2008	N	N	N	N	5	N
531	NT	54			W401	KNEE	29-Jan-2008	N	N	N	N	11	N
532	NT	61			W381	HIP	29-Jan-2008	N	N	N	N	10	N
533	WG	71			W401	KNEE	30-Jan-2008	N	N	N	N	4	N
534	WG	87			W401	KNEE	30-Jan-2008	N	N	N	N	6	N
535	WG	73			W371	HIP	30-Jan-2008	N	N	N	N	11	N
536	WG	55			W401	KNEE	30-Jan-2008	N	N	N	N	5	N
537	NT	59			W381	HIP	30-Jan-2008	N	N	N	N	3	N
538	NT	69			W401	KNEE	30-Jan-2008	N	N	N	N	6	N
539	WG	74			W401	KNEE	30-Jan-2008	N	N	N	N	5	N
540	WG	80			W401	KNEE	30-Jan-2008	N	N	N	N	28	N
541	WG	80			W401	KNEE	30-Jan-2008	N	N	N	N	8	N
542	WG	74			W401	KNEE	30-Jan-2008	N	N	N	N	6	N
543	WG	47			W371	HIP	30-Jan-2008	N	N	N	N	6	N
544	NT	79			W401	KNEE	30-Jan-2008	N	N	N	N	7	N
545	NT	72			W401	KNEE	30-Jan-2008	N	N	N	N	5	N
546	HX	73			W371	HIP	30-Jan-2008	N	N	N	N	8	N
547	HX	73			W371	HIP	30-Jan-2008	N	N	N	N	5	N
548	WG	73			W371	HIP	30-Jan-2008	N	N	N	N	15	N
549	NT	76			W421	KNEE	30-Jan-2008	N	N	N	N	6	N
550	NT	82			W371	HIP	30-Jan-2008	N	N	N	N	6	N
551	WG	60			W401	KNEE	31-Jan-2008	N	N	N	N	6	N
552	WG	74			W371	HIP	31-Jan-2008	N	N	N	N	7	N
553	WG	57			W401	KNEE	31-Jan-2008	N	N	N	N	5	N
554	NT	80			W401	KNEE	31-Jan-2008	N	N	N	N	10	N
555	HX	52			W371	HIP	31-Jan-2008	N	N	N	N	4	N
556	HX	70			W401	KNEE	31-Jan-2008	N	N	N	N	6	N
557	WG	82			W401	KNEE	01-Feb-2008	N	N	N	N	26	N
558	WG	78			W401	KNEE	01-Feb-2008	N	N	N	N	6	N
559	WG	46			W401	KNEE	01-Feb-2008	N	N	N	N	6	N
560	WG	75			W371	HIP	01-Feb-2008	N	N	N	N	11	N
561	WG	54			W401	KNEE	04-Feb-2008	N	N	N	N	5	N
562	NT	82			W371	HIP	04-Feb-2008	N	N	N	N	5	N
563	HX	70			W401	KNEE	04-Feb-2008	N	N	N	N	3	N
564	WG	82			W401	KNEE	05-Feb-2008	N	N	N	N	8	N
565	WG	63			W371	HIP	05-Feb-2008	N	N	N	N	9	N
566	NT	75			W371	HIP	05-Feb-2008	N	N	N	N	6	N
567	HX	61			W401	KNEE	06-Feb-2008	N	N	N	N	6	N
568	WG	65			W401	KNEE	06-Feb-2008	N	N	N	N	6	N
569	WG	69			W401	KNEE	06-Feb-2008	N	N	N	N	9	N
570	WG	77			W421	KNEE	06-Feb-2008	N	N	N	N	6	N
571	WG	75			W371	HIP	06-Feb-2008	N	N	N	N	9	N
572	WG	79			W401	KNEE	06-Feb-2008	N	N	N	N	9	N
573	NT	66			W401	KNEE	06-Feb-2008	N	N	N	N	14	N
574	NT	60			W401	KNEE	06-Feb-2008	N	N	N	N	8	N
575	NT	76			W381	HIP	06-Feb-2008	N	N	N	N	14	N
576	NT	78			W391	HIP	06-Feb-2008	N	N	N	N	8	N
577	NT	79			W401	KNEE	06-Feb-2008	N	N	N	N	7	N
578	WG	69			W401	KNEE	07-Feb-2008	N	N	N	N	5	N
579	NT	67			W401	KNEE	07-Feb-2008	N	N	N	N	10	N
580	WG	66			W371	HIP	07-Feb-2008	N	N	N	N	5	N
581	NT	76			W371	HIP	07-Feb-2008	N	N	N	N	7	N
582	HX	69			W371	HIP	07-Feb-2008	N	N	N	N	4	N
583	WG	85			W401	KNEE	07-Feb-2008	N	N	N	N	27	N
584	WG	69			W371	HIP	08-Feb-2008	N	N	N	N	6	N
585	WG	35			W371	HIP	08-Feb-2008	N	N	N	N	5	N
586	WG	74			W371	HIP	08-Feb-2008	N	N	N	N	6	N
587	NT	64			W381	HIP	08-Feb-2008	N	N	N	N	9	N
588	WG	77			W401	KNEE	08-Feb-2008	N	N	N	N	4	N
589	NT	74			W401	KNEE	09-Feb-2008	N	N	N	N	12	N
590	WG	69			W401	KNEE	09-Feb-2008	N	N	N	N	4	N
591	WG	88			W371	HIP	09-Feb-2008	N	N	N	N	47	N
592	WG	60			W401	KNEE	11-Feb-2008	N	N	N	N	8	N
593	WG	53			W401	KNEE	11-Feb-2008	N	N	N	N	4	N
594	NT	84			W401	KNEE	11-Feb-2008	N	N	N	N	22	N
595	HX	76			W371	HIP	11-Feb-2008	N	N	N	N	7	N
596	HX	70			W401	KNEE	11-Feb-2008	N	N	N	N	8	N
597	HX	87			W371	HIP	12-Feb-2008	N	N	N	N	21	Y
598	HX	79			W401	KNEE	12-Feb-2008	N	N	N	N	9	N
599	HX	73			W371	HIP	12-Feb-2008	N	N	N	N	4	N
600	WG	61			W401	KNEE	12-Feb-2008	N	N	N	N	7	N
601	WG	46			W371	HIP	12-Feb-2008	N	N	N	N	7	N
602	WG	79			W401	KNEE	12-Feb-2008	N	N	N	N	5	N
603	HX	72			W391	HIP	12-Feb-2008	N	N	N	N	7	N
604	WG	57			W371	HIP	13-Feb-2008	N	N	N	N	4	N
605	HX	70			W371	HIP	13-Feb-2008	N	N	N	N	8	N
606	WG	74			W401	KNEE	13-Feb-2008	N	N	N	N	6	N
607	WG	67			W401	KNEE	13-Feb-2008	N	N	N	N	6	N
608	WG	56			W401	KNEE	13-Feb-2008	N	N	N	N	5	N
609	WG	73			W401	KNEE	13-Feb-2008	N	N	N	N	6	N
610	NT	65			W381	HIP	13-Feb-2008	N	N	N	N	6	N
611	NT	69			W401	KNEE	13-Feb-2008	N	N	N	N	9	N
612	NT	69			W401	KNEE	13-Feb-2008	N	N	N	N	7	N
613	NT	79			W401	KNEE	13-Feb-2008	N	N	N	N	14	N
614	HX	67			W371	HIP	13-Feb-2008	N	N	N	N	7	N
615	NT	67			W371	HIP	14-Feb-2008	N	N	N	N	8	N
616	NT	66			W401	KNEE	14-Feb-2008	N	N	N	N	6	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
531	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
532	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
533	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
534	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	3	N	
535	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	3	N	
536	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
537	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
539	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
541	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
542	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
543	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
544	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
545	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
546	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
547	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
550	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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552	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	1	N	
553	N	N	Y	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
554	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
556	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
557	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
558	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
559	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
565	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
566	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
567	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
568	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
569	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
570	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
571	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	1	N	
572	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
573	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
574	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
575	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
577	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
579	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
580	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
581	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
583	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
589	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
591	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
592	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
594	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
595	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
596	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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598	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
600	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
603	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
606	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	1	N	
607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
608	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
609	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	5	1	N	
610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
614	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
615	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
616	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
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	BF	BG	BH
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597	YES	Coag Neg Staph/Micrococcus	
598	N		
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616	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
617		WG	70		W371	HIP	14-Feb-2008	N	N	N	N	6 N	
618		WG	53		W401	KNEE	14-Feb-2008	N	N	N	N	5 N	
619		WG	59		W401	KNEE	14-Feb-2008	N	N	N	N	5 N	
620		WG	64		W371	HIP	14-Feb-2008	N	N	N	N	4 N	
621		HX	58		W401	KNEE	14-Feb-2008	N	N	N	N	7 N	
622		WG	67		W371	HIP	14-Feb-2008	N	N	N	N	4 N	
623		HX	79		W371	HIP	14-Feb-2008	N	N	N	N	8 N	
624		NT	82		W401	KNEE	15-Feb-2008	N	N	N	N	9 N	
625		WG	71		W401	KNEE	15-Feb-2008	N	N	N	N	6 N	
626		WG	46		W401	KNEE	15-Feb-2008	N	N	N	N	10 Y	
627		WG	54		W401	KNEE	15-Feb-2008	N	N	N	N	4 N	
628		WG	74		W371	HIP	15-Feb-2008	N	N	N	N	6 N	
629		NT	76		W421	KNEE	15-Feb-2008	N	N	N	N	8 N	
630		WG	67		W371	HIP	15-Feb-2008	N	N	N	N	4 N	
631		NT	60		W391	HIP	15-Feb-2008	N	N	N	N	7 N	
632		NT	74		W401	KNEE	15-Feb-2008	N	N	N	N	14 N	
633		NT	85		W401	KNEE	16-Feb-2008	N	N	N	N	5 N	
634		HX	58		W401	KNEE	16-Feb-2008	N	N	N	N	4 N	
635		NT	73		W371	HIP	18-Feb-2008	N	N	N	N	8 N	
636		WG	66		W371	HIP	18-Feb-2008	N	N	N	N	8 N	
637		WG	72		W371	HIP	18-Feb-2008	N	N	N	N	4 N	
638		WG	64		W401	KNEE	18-Feb-2008	N	N	N	N	8 N	
639		HX	75		W401	KNEE	18-Feb-2008	N	N	N	N	18 N	
640		WG	71		W371	HIP	19-Feb-2008	N	N	N	N	4 N	
641		WG	68		W371	HIP	19-Feb-2008	N	N	N	N	20 N	
642		HX	66		W371	HIP	19-Feb-2008	N	N	N	N	5 N	
643		WG	68		W401	KNEE	20-Feb-2008	N	N	N	N	5 N	
644		NT	82		W401	KNEE	20-Feb-2008	N	N	N	N	14 N	
645		NT	82		W401	KNEE	20-Feb-2008	N	N	N	N	15 N	
646		NT	84		W401	KNEE	21-Feb-2008	N	N	N	N	12 N	
647		NT	84		W401	KNEE	21-Feb-2008	N	N	N	N	7 N	
648		WG	75		W371	HIP	21-Feb-2008	N	N	N	N	34 N	
649		WG	68		W401	KNEE	21-Feb-2008	N	N	N	N	5 N	
650		WG	72		W371	HIP	21-Feb-2008	N	N	N	N	5 N	
651		WG	63		W401	KNEE	21-Feb-2008	N	N	N	N	3 N	
652		WG	56		W401	KNEE	21-Feb-2008	N	N	N	N	4 N	
653		WG	73		W401	KNEE	22-Feb-2008	N	N	N	N	7 N	
654		WG	73		W371	HIP	25-Feb-2008	N	N	N	N	6 N	
655		WG	71		W401	KNEE	25-Feb-2008	N	N	N	N	5 N	
656		WG	57		W401	KNEE	25-Feb-2008	N	N	N	N	9 N	
657		WG	73		W401	KNEE	25-Feb-2008	N	N	N	N	6 N	
658		WG	78		W401	KNEE	25-Feb-2008	N	N	N	N	5 N	
659		WG	79		W401	KNEE	25-Feb-2008	N	N	N	N	18 N	
660		NT	58		W401	KNEE	25-Feb-2008	N	N	N	N	8 N	
661		HX	59		W401	KNEE	25-Feb-2008	N	N	N	N	6 N	
662		HX	56		W371	HIP	25-Feb-2008	N	N	N	N	4 N	
663		WG	59		W401	KNEE	25-Feb-2008	N	N	N	N	3 N	
664		NT	76		W401	KNEE	26-Feb-2008	N	N	N	N	7 N	
665		WG	80		W371	HIP	26-Feb-2008	N	N	N	N	21 N	
666		WG	69		W371	HIP	26-Feb-2008	N	N	N	N	7 N	
667		WG	57		W401	KNEE	26-Feb-2008	N	N	N	N	8 N	
668		HX	77		W401	KNEE	26-Feb-2008	N	N	N	N	7 N	
669		WG	63		W401	KNEE	26-Feb-2008	N	N	N	N	5 N	
670		NT	59		W411	KNEE	26-Feb-2008	N	N	N	N	14 N	
671		WG	86		W401	KNEE	27-Feb-2008	N	N	N	N	13 N	
672		WG	70		W401	KNEE	27-Feb-2008	N	N	N	N	9 N	
673		WG	63		W401	KNEE	27-Feb-2008	N	N	N	N	5 N	
674		WG	93		W371	HIP	27-Feb-2008	N	N	N	N	6 N	
675		WG	89		W401	KNEE	27-Feb-2008	N	N	N	N	5 N	
676		NT	84		W401	KNEE	27-Feb-2008	N	N	N	N	8 N	
677		HX	80		W371	HIP	27-Feb-2008	N	N	N	N	12 N	
678		NT	67		W371	HIP	28-Feb-2008	N	N	N	N	30 N	
679		WG	76		W371	HIP	28-Feb-2008	N	N	N	N	4 N	
680		NT	53		W421	KNEE	28-Feb-2008	N	N	N	N	6 N	
681		NT	56		W401	KNEE	28-Feb-2008	N	N	N	N	20 N	
682		NT	75		W401	KNEE	28-Feb-2008	N	N	N	N	12 N	
683		NT	82		W391	HIP	28-Feb-2008	N	N	N	N	10 N	
684		NT	82		W401	KNEE	28-Feb-2008	N	N	N	N	7 N	
685		WG	67		W371	HIP	28-Feb-2008	N	N	N	N	6 N	
686		WG	88		W371	HIP	28-Feb-2008	N	N	N	N	6 N	
687		NT	78		W421	KNEE	29-Feb-2008	N	N	N	N	8 N	
688		NT	64		W401	KNEE	29-Feb-2008	N	N	N	N	18 N	
689		NT	63		W391	HIP	29-Feb-2008	N	N	N	N	7 N	
690		WG	77		W401	KNEE	29-Feb-2008	N	N	N	N	5 N	
691		WG	59		W401	KNEE	29-Feb-2008	N	N	N	N	5 N	
692		WG	65		W401	KNEE	29-Feb-2008	N	N	N	N	5 N	
693		HX	79		W401	KNEE	29-Feb-2008	N	N	N	N	11 N	
694		HX	79		W401	KNEE	29-Feb-2008	N	N	N	N	10 N	
695		WG	78		W371	HIP	01-Mar-2008	N	N	N	N	5 N	
696		WG	67		W401	KNEE	01-Mar-2008	N	N	N	N	6 N	
697		WG	67		W401	KNEE	01-Mar-2008	N	N	N	N	5 N	
698		WG	72		W401	KNEE	01-Mar-2008	N	N	N	N	5 N	
699		WG	68		W401	KNEE	03-Mar-2008	N	N	N	N	3 N	
700		WG	56		W401	KNEE	03-Mar-2008	N	N	N	N	5 N	
701		WG	62		W401	KNEE	03-Mar-2008	N	N	N	N	4 N	
702		HX	57		W401	KNEE	03-Mar-2008	N	N	N	N	4 N	
703		NT	59		W401	KNEE	04-Mar-2008	N	N	N	N	4 N	

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
618	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
620	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
624	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
629	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
633	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
634	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
635	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
636	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
637	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
638	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
641	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
642	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
643	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
644	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
645	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
646	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
647	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
648	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
649	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
650	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
652	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
653	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
654	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
655	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
656	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
657	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
658	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	Y
659	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
660	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
661	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
662	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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664	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
665	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	Y
666	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
668	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
669	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
670	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
671	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
672	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
673	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
674	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
676	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
678	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	Y	Y
679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
680	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
681	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
682	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
683	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
684	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
685	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
686	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
687	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
688	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
689	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
690	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
691	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
692	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
693	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
694	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
695	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
696	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
697	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
698	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
699	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
700	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
701	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
702	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
620	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
624	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
626	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
629	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
634	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
635	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
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640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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645	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	10	1	N	
646	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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648	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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659	N	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	1	N	
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661	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
662	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
663	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
664	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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669	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
670	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
671	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	#NULL!	0	N	
672	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
673	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
674	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
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678	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	2	Y	
679	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
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693	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
694	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
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696	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	1	N	
697	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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700	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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702	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	

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	BF	BG	BH
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699	YES 10/03/08 (not submitted to H ² A)	Coag Neg Staph / Staph Aureus	3/10/2008
700	N		
701	N		
702	N		
703	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
704	WG	68			W401	KNEE	04-Mar-2008	N	N	N	N	5	N
705	NT	54			W381	HIP	04-Mar-2008	N	N	N	N	4	N
706	NT	75			W401	KNEE	05-Mar-2008	N	N	N	N	9	N
707	NT	77			W401	KNEE	06-Mar-2008	N	N	N	N	7	N
708	NT	66			W371	HIP	06-Mar-2008	N	N	N	N	37	N
709	NT	58			W401	KNEE	06-Mar-2008	N	N	N	N	6	N
710	WG	73			W371	HIP	06-Mar-2008	N	N	N	N	6	N
711	HX	64			W401	KNEE	06-Mar-2008	N	N	N	N	7	N
712	HX	56			W401	KNEE	07-Mar-2008	N	N	N	N	3	N
713	WG	72			W371	HIP	07-Mar-2008	N	N	N	N	5	N
714	WG	76			W401	KNEE	07-Mar-2008	N	N	N	N	6	N
715	WG	58			W401	KNEE	08-Mar-2008	N	N	N	N	4	N
716	HX	73			W401	KNEE	10-Mar-2008	N	N	N	N	5	N
717	NT	77			W401	KNEE	11-Mar-2008	N	N	N	N	9	N
718	WG	66			W401	KNEE	11-Mar-2008	N	N	N	N	4	N
719	WG	67			W371	HIP	11-Mar-2008	N	N	N	N	3	N
720	NT	63			W381	HIP	11-Mar-2008	N	N	N	N	7	N
721	WG	51			W401	KNEE	11-Mar-2008	N	N	N	N	3	N
722	HX	52			W381	HIP	11-Mar-2008	N	N	N	N	5	N
723	HX	71			W401	KNEE	11-Mar-2008	N	N	N	N	5	N
724	WG	66			W401	KNEE	12-Mar-2008	N	N	N	N	7	N
725	WG	68			W371	HIP	12-Mar-2008	N	N	N	N	6	N
726	WG	76			W371	HIP	12-Mar-2008	N	N	N	N	8	N
727	NT	59			W401	KNEE	12-Mar-2008	N	N	N	N	11	N
728	HX	74			W401	KNEE	12-Mar-2008	N	N	N	N	6	N
729	NT	75			W381	HIP	13-Mar-2008	N	N	N	Y	15	N
730	NT	69			W371	HIP	13-Mar-2008	N	N	N	N	7	N
731	WG	80			W401	KNEE	13-Mar-2008	N	N	N	N	9	N
732	WG	71			W401	KNEE	13-Mar-2008	N	N	N	N	4	N
733	WG	70			W371	HIP	13-Mar-2008	N	N	N	N	8	N
734	HX	71			W371	HIP	14-Mar-2008	N	N	N	N	5	N
735	WG	77			W371	HIP	14-Mar-2008	N	N	N	N	4	N
736	HX	65			W381	HIP	14-Mar-2008	N	N	N	N	5	N
737	WG	50			W401	KNEE	17-Mar-2008	N	N	N	N	4	N
738	WG	49			W401	KNEE	17-Mar-2008	N	N	N	N	6	N
739	WG	59			W371	HIP	18-Mar-2008	N	N	N	N	2	N
740	WG	59			W401	KNEE	18-Mar-2008	N	N	N	N	4	N
741	WG	63			W371	HIP	18-Mar-2008	N	N	N	N	10	N
742	WG	85			W401	KNEE	18-Mar-2008	N	N	N	N	21	N
743	WG	68			W371	HIP	18-Mar-2008	N	N	N	N	4	N
744	WG	60			W371	HIP	18-Mar-2008	N	N	N	N	8	N
745	HX	73			W401	KNEE	18-Mar-2008	N	N	N	N	5	N
746	HX	67			W401	KNEE	18-Mar-2008	N	N	N	N	6	N
747	HX	53			W401	KNEE	18-Mar-2008	N	N	N	N	3	N
748	HX	79			W371	HIP	18-Mar-2008	N	N	N	N	10	N
749	HX	78			W401	KNEE	18-Mar-2008	N	N	N	N	3	N
750	NT	60			W381	HIP	19-Mar-2008	N	N	N	N	8	N
751	NT	74			W401	KNEE	19-Mar-2008	N	N	N	N	8	N
752	WG	65			W401	KNEE	19-Mar-2008	N	N	N	N	6	N
753	WG	72			W401	KNEE	19-Mar-2008	N	N	N	N	5	N
754	HX	70			W371	HIP	19-Mar-2008	N	N	N	N	6	N
755	HX	64			W401	KNEE	19-Mar-2008	N	N	N	N	4	N
756	WG	80			W401	KNEE	20-Mar-2008	N	N	N	N	3	N
757	HX	73			W371	HIP	20-Mar-2008	N	N	N	N	8	N
758	HX	59			W401	KNEE	20-Mar-2008	N	N	N	N	8	N
759	WG	82			W401	KNEE	25-Mar-2008	N	N	N	N	7	N
760	WG	55			W371	HIP	25-Mar-2008	N	N	N	N	4	N
761	WG	52			W381	HIP	25-Mar-2008	N	N	N	N	4	N
762	NT	69			W401	KNEE	25-Mar-2008	N	N	N	N	18	N
763	HX	56			W381	HIP	25-Mar-2008	N	N	N	N	5	N
764	WG	76			W401	KNEE	25-Mar-2008	N	N	N	N	7	N
765	WG	77			W401	KNEE	26-Mar-2008	N	N	N	N	29	N
766	HX	50			W381	HIP	26-Mar-2008	N	N	N	N	8	N
767	HX	86			W371	HIP	26-Mar-2008	N	N	N	N	9	N
768	NT	63			W371	HIP	27-Mar-2008	N	N	N	N	7	N
769	NT	82			W371	HIP	27-Mar-2008	N	N	N	N	27	N
770	WG	82			W371	HIP	27-Mar-2008	N	N	N	N	8	N
771	WG	84			W371	HIP	27-Mar-2008	N	N	N	N	4	N
772	HX	74			W411	KNEE	27-Mar-2008	N	N	N	N	7	N
773	HX	89			W371	HIP	27-Mar-2008	N	N	N	N	9	N
774	HX	50			W371	HIP	27-Mar-2008	N	N	N	N	4	N
775	WG	82			W371	HIP	28-Mar-2008	N	N	N	N	15	N
776	WG	74			W401	KNEE	28-Mar-2008	N	N	N	N	5	N
777	WG	72			W371	HIP	28-Mar-2008	N	N	N	N	5	N
778	HX	72			W371	HIP	31-Mar-2008	N	N	N	N	5	N
779	HX	63			W371	HIP	31-Mar-2008	N	N	N	N	4	N
780	HX	79			W401	KNEE	31-Mar-2008	N	N	N	N	4	N
781	WG	78			W371	HIP	01-Apr-2008	N	N	N	N	7	N
782	HX	61			W371	HIP	01-Apr-2008	N	N	N	N	3	N
783	HX	84			W401	KNEE	01-Apr-2008	N	N	N	N	8	N
784	WG	74			W371	HIP	02-Apr-2008	N	N	N	N	28	N
785	WG	68			W401	KNEE	02-Apr-2008	N	N	N	N	6	N
786	NT	77			W401	KNEE	02-Apr-2008	N	N	N	N	30	N
787	HX	77			W401	KNEE	02-Apr-2008	N	N	N	N	6	N
788	WG	69			W401	KNEE	03-Apr-2008	N	N	N	N	11	N
789	NT	59			W371	HIP	03-Apr-2008	N	N	N	N	8	N
790	NT	73			W401	KNEE	03-Apr-2008	N	N	N	N	10	N
791	WG	81			W401	KNEE	03-Apr-2008	N	N	N	N	9	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
704	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
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709	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
710	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
711	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
712	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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721	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
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723	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
724	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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727	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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	A	B	C	D	E	F	G	H	I	J	K	L	M
792		WG	89		W401	KNEE	03-Apr-2008	N	N	N	N	6	N
793		HX	68		W371	HIP	03-Apr-2008	N	N	N	N	5	N
794		HX	77		W401	KNEE	03-Apr-2008	N	N	N	N	6	N
795		WG	53		W371	HIP	04-Apr-2008	N	N	N	N	6	N
796		WG	73		W371	HIP	04-Apr-2008	N	N	N	N	5	N
797		WG	81		W401	KNEE	04-Apr-2008	N	N	N	N	12	N
798		HX	81		W371	HIP	04-Apr-2008	N	N	N	N	3	N
799		HX	88		W371	HIP	04-Apr-2008	N	N	N	N	5	N
800		HX	72		W401	KNEE	04-Apr-2008	N	N	N	N	4	N
801		HX	80		W401	KNEE	04-Apr-2008	N	N	N	N	5	N
802		HX	64		W371	HIP	04-Apr-2008	N	N	N	N	5	N
803		HX	59		W371	HIP	04-Apr-2008	N	N	N	N	4	N
804		WG	84		W401	KNEE	06-Apr-2008	N	N	N	N	43	N
805		WG	70		W371	HIP	07-Apr-2008	N	N	N	N	5	N
806		HX	75		W401	KNEE	07-Apr-2008	N	N	N	N	4	N
807		HX	86		W401	KNEE	07-Apr-2008	N	N	N	N	15	N
808		NT	64		W401	KNEE	08-Apr-2008	N	N	N	N	10	N
809		WG	65		W401	KNEE	08-Apr-2008	N	N	N	N	5	N
810		WG	60		W401	KNEE	08-Apr-2008	N	N	N	N	7	N
811		HX	58		W401	KNEE	08-Apr-2008	N	N	N	N	3	N
812		HX	74		W401	KNEE	08-Apr-2008	N	N	N	N	3	N
813		HX	77		W401	KNEE	08-Apr-2008	N	N	N	N	4	N
814		NT	80		W401	KNEE	08-Apr-2008	N	N	N	N	8	N
815		NT	69		W401	KNEE	09-Apr-2008	N	N	N	N	9	N
816		NT	83		W401	KNEE	09-Apr-2008	N	N	N	N	9	N
817		WG	81		W401	KNEE	09-Apr-2008	N	N	N	N	22	N
818		WG	64		W401	KNEE	09-Apr-2008	N	N	N	N	7	N
819		NT	80		W401	KNEE	10-Apr-2008	N	N	N	N	16	N
820		NT	76		W371	HIP	10-Apr-2008	N	N	N	N	12	N
821		NT	85		W381	HIP	10-Apr-2008	N	N	N	N	8	N
822		WG	73		W371	HIP	10-Apr-2008	N	N	N	N	6	N
823		WG	58		W381	HIP	10-Apr-2008	N	N	N	N	6	N
824		WG	53		W401	KNEE	10-Apr-2008	N	N	N	N	4	N
825		HX	54		W371	HIP	10-Apr-2008	N	N	N	N	4	N
826		WG	81		W371	HIP	10-Apr-2008	N	N	N	N	22	N
827		WG	72		W401	KNEE	11-Apr-2008	N	N	N	N	4	N
828		WG	71		W371	HIP	11-Apr-2008	N	N	N	N	4	N
829		HX	76		W371	HIP	11-Apr-2008	N	N	N	N	4	N
830		WG	46		W371	HIP	14-Apr-2008	N	N	N	N	3	N
831		WG	55		W371	HIP	14-Apr-2008	N	N	N	N	3	N
832		WG	51		W381	HIP	14-Apr-2008	N	N	N	N	5	N
833		HX	77		W401	KNEE	14-Apr-2008	N	N	N	N	5	N
834		HX	47		W401	KNEE	15-Apr-2008	N	N	N	N	3	N
835		NT	70		W371	HIP	15-Apr-2008	N	N	N	N	6	N
836		NT	89		W401	KNEE	15-Apr-2008	N	N	N	N	15	N
837		NT	64		W401	KNEE	15-Apr-2008	N	N	N	N	6	N
838		WG	59		W401	KNEE	15-Apr-2008	N	N	N	N	4	N
839		HX	55		W401	KNEE	15-Apr-2008	N	N	N	N	3	N
840		WG	65		W401	KNEE	16-Apr-2008	N	N	N	N	6	N
841		WG	82		W371	HIP	16-Apr-2008	N	N	N	N	9	N
842		NT	80		W371	HIP	16-Apr-2008	N	N	N	N	6	N
843		NT	70		W401	KNEE	16-Apr-2008	N	N	N	N	8	N
844		NT	77		W371	HIP	17-Apr-2008	N	N	N	N	8	N
845		NT	79		W401	KNEE	17-Apr-2008	N	N	N	N	7	N
846		HX	72		W401	KNEE	17-Apr-2008	N	N	N	N	5	N
847		HX	60		W401	KNEE	17-Apr-2008	N	N	N	N	5	N
848		HX	69		W401	KNEE	17-Apr-2008	N	N	N	N	4	N
849		WG	51		W401	KNEE	18-Apr-2008	N	N	N	N	6	N
850		WG	83		W401	KNEE	18-Apr-2008	N	N	N	N	5	N
851		HX	64		W401	KNEE	18-Apr-2008	N	N	N	N	4	N
852		HX	60		W381	HIP	18-Apr-2008	N	N	N	N	4	N
853		HX	57		W381	HIP	18-Apr-2008	N	N	N	N	3	N
854		WG	70		W371	HIP	21-Apr-2008	N	N	N	N	5	N
855		WG	84		W401	KNEE	21-Apr-2008	N	N	N	N	6	N
856		WG	60		W381	HIP	21-Apr-2008	N	N	N	N	6	N
857		WG	79		W371	HIP	21-Apr-2008	N	N	N	N	9	N
858		HX	65		W381	HIP	21-Apr-2008	N	N	N	N	6	N
859		HX	73		W401	KNEE	21-Apr-2008	N	N	N	N	9	N
860		HX	55		W401	KNEE	21-Apr-2008	N	N	N	N	3	N
861		WG	71		W401	KNEE	22-Apr-2008	N	N	N	N	3	N
862		WG	63		W371	HIP	22-Apr-2008	N	N	N	N	4	N
863		WG	57		W401	KNEE	22-Apr-2008	N	N	N	N	3	N
864		NT	63		W401	KNEE	22-Apr-2008	N	N	N	N	5	N
865		NT	80		W371	HIP	22-Apr-2008	N	N	N	N	10	N
866		NT	62		W401	KNEE	22-Apr-2008	N	N	N	N	5	N
867		HX	72		W371	HIP	22-Apr-2008	N	N	N	N	3	N
868		HX	69		W371	HIP	22-Apr-2008	N	N	N	N	6	N
869		WG	69		W371	HIP	23-Apr-2008	N	N	N	N	5	N
870		WG	72		W401	KNEE	23-Apr-2008	N	N	N	N	6	N
871		WG	41		W371	HIP	23-Apr-2008	N	N	N	N	9	N
872		NT	44		W381	HIP	23-Apr-2008	N	N	N	N	7	N
873		NT	54		W381	HIP	23-Apr-2008	N	N	N	N	10	N
874		HX	65		W401	KNEE	23-Apr-2008	N	N	N	N	5	N
875		NT	67		W401	KNEE	24-Apr-2008	N	N	N	N	7	N
876		WG	81		W371	HIP	24-Apr-2008	N	N	N	N	5	N
877		WG	84		W371	HIP	24-Apr-2008	N	N	N	N	5	N
878		WG	88		W371	HIP	24-Apr-2008	N	N	N	N	25	N
879		HX	70		W401	KNEE	24-Apr-2008	N	N	N	N	4	N

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797	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
798	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
799	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
808	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
810	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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893		WG	65		W371	HIP	29-Apr-2008	N	N	N	N	9 N	
894		WG	85		W371	HIP	29-Apr-2008	N	N	N	N	9 N	
895		WG	78		W401	KNEE	29-Apr-2008	N	N	N	N	7 N	
896		NT	82		W401	KNEE	29-Apr-2008	N	N	N	N	29 N	
897		NT	55		W401	KNEE	29-Apr-2008	N	N	N	N	10 N	
898		NT	64		W381	HIP	29-Apr-2008	N	N	N	N	9 N	
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900		WG	58		W371	HIP	29-Apr-2008	N	N	N	N	6 N	
901		WG	61		W401	KNEE	29-Apr-2008	N	N	N	N	8 N	
902		HX	53		W391	HIP	29-Apr-2008	N	N	N	N	3 N	
903		NT	75		W381	HIP	30-Apr-2008	N	N	N	N	4 N	
904		WG	70		W371	HIP	30-Apr-2008	N	N	N	N	17 N	
905		WG	87		W401	KNEE	30-Apr-2008	N	N	N	N	7 N	
906		WG	53		W401	KNEE	30-Apr-2008	N	N	N	N	5 N	
907		WG	60		W401	KNEE	30-Apr-2008	N	N	N	N	4 N	
908		NT	52		W381	HIP	30-Apr-2008	N	N	N	N	5 N	
909		NT	68		W401	KNEE	30-Apr-2008	N	N	N	N	17 N	
910		WG	58		W401	KNEE	01-May-2008	N	N	N	N	1 N	
911		NT	67		W401	KNEE	01-May-2008	N	N	N	N	14 N	
912		WG	80		W371	HIP	01-May-2008	N	N	N	N	6 N	
913		NT	65		W401	KNEE	01-May-2008	N	N	N	N	7 N	
914		NT	80		W371	HIP	01-May-2008	N	N	N	N	19 N	
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922		WG	78		W401	KNEE	06-May-2008	N	N	N	N	9 N	
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925		NT	75		W401	KNEE	06-May-2008	N	N	N	N	9 N	
926		WG	77		W401	KNEE	06-May-2008	N	N	N	N	2 N	
927		HX	73		W371	HIP	06-May-2008	N	N	N	N	6 N	
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930		WG	50		W381	HIP	07-May-2008	N	N	N	N	3 N	
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937		NT	64		W401	KNEE	07-May-2008	N	N	N	N	4 N	
938		HX	69		W401	KNEE	07-May-2008	N	N	N	N	4 N	
939		NT	74		W401	KNEE	07-May-2008	N	N	N	N	8 N	
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941		NT	59		W371	HIP	08-May-2008	N	N	N	N	14 N	
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957		NT	78		W421	KNEE	13-May-2008	N	N	N	N	9 N	
958		NT	84		W381	HIP	13-May-2008	N	N	N	N	9 N	
959		WG	51		W401	KNEE	13-May-2008	N	N	N	N	4 N	
960		HX	60		W371	HIP	13-May-2008	N	N	N	N	11 N	
961		WG	82		W371	HIP	13-May-2008	N	N	N	N	7 N	
962		WG	49		W391	HIP	13-May-2008	N	N	N	N	5 N	
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964		HX	55		W401	KNEE	13-May-2008	N	N	N	N	3 N	
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973		WG	62		W401	KNEE	15-May-2008	N	N	N	N	4 N	
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979		HX	55		W401	KNEE	16-May-2008	N	N	N	N	11 N	
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981		WG	68		W401	KNEE	19-May-2008	N	N	N	N	4 N	
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987		WG	84		W371	HIP	20-May-2008	N	N	N	N	9 N	
988		WG	72		W401	KNEE	20-May-2008	N	N	N	N	3 N	
989		HX	73		W401	KNEE	20-May-2008	N	N	N	N	3 N	
990		HX	67		W371	HIP	20-May-2008	N	N	N	N	2 N	
991		HX	72		W371	HIP	20-May-2008	N	N	N	N	10 N	
992		HX	81		W401	KNEE	20-May-2008	N	N	N	N	2 N	
993		NT	81		W381	HIP	21-May-2008	N	N	N	N	23 N	
994		NT	83		W401	KNEE	21-May-2008	N	N	N	N	11 N	
995		NT	85		W401	KNEE	21-May-2008	Y	Y	N	N	22 N	
996		NT	58		W381	HIP	21-May-2008	N	N	N	N	6 N	
997		WG	60		W401	KNEE	21-May-2008	N	N	N	N	4 N	
998		WG	81		W401	KNEE	21-May-2008	N	N	N	N	6 N	
999		NT	77		W371	HIP	22-May-2008	N	N	N	N	12 N	
1000		NT	66		W371	HIP	22-May-2008	N	N	N	N	7 N	
1001		NT	71		W381	HIP	22-May-2008	N	N	N	N	7 N	
1002		WG	68		W371	HIP	22-May-2008	N	N	N	N	5 N	
1003		NT	88		W401	KNEE	23-May-2008	N	N	N	N	8 N	
1004		WG	81		W401	KNEE	23-May-2008	N	N	N	N	6 N	
1005		WG	81		W401	KNEE	23-May-2008	N	N	N	N	40 N	
1006		WG	73		W401	KNEE	23-May-2008	N	N	N	N	3 N	
1007		HX	77		W401	KNEE	23-May-2008	N	N	N	N	7 N	
1008		NT	82		W401	KNEE	27-May-2008	N	N	N	N	17 N	
1009		NT	62		W401	KNEE	27-May-2008	N	N	N	N	9 N	
1010		WG	71		W401	KNEE	27-May-2008	N	N	N	N	3 N	
1011		HX	80		W371	HIP	27-May-2008	N	N	N	N	2 N	
1012		HX	68		W371	HIP	27-May-2008	N	N	N	N	3 N	
1013		WG	66		W401	KNEE	28-May-2008	N	N	N	N	2 N	
1014		HX	66		W371	HIP	28-May-2008	N	N	N	N	4 N	
1015		NT	59		W401	KNEE	28-May-2008	N	N	N	N	7 N	
1016		NT	58		W371	HIP	28-May-2008	N	N	N	N	6 N	
1017		NT	72		W401	KNEE	28-May-2008	N	N	N	N	7 N	
1018		NT	61		W401	KNEE	28-May-2008	N	N	N	N	8 N	
1019		WG	68		W401	KNEE	28-May-2008	N	N	N	N	6 N	
1020		WG	72		W401	KNEE	28-May-2008	N	N	N	N	4 N	
1021		WG	70		W371	HIP	29-May-2008	N	N	N	N	7 N	
1022		WG	82		W401	KNEE	29-May-2008	N	N	N	N	6 N	
1023		HX	62		W381	HIP	29-May-2008	N	N	N	N	3 N	
1024		HX	70		W381	HIP	29-May-2008	N	N	N	N	4 N	
1025		HX	54		W401	KNEE	29-May-2008	N	N	N	N	4 N	
1026		WG	74		W371	HIP	30-May-2008	N	N	N	N	5 N	
1027		WG	56		W401	KNEE	02-Jun-2008	N	N	N	N	2 N	
1028		HX	68		W381	HIP	02-Jun-2008	N	N	N	N	2 N	
1029		HX	78		W371	HIP	02-Jun-2008	N	N	N	N	2 N	
1030		WG	80		W401	KNEE	02-Jun-2008	N	N	N	N	8 N	
1031		WG	73		W371	HIP	03-Jun-2008	N	N	N	N	2 N	
1032		HX	70		W381	HIP	03-Jun-2008	N	N	N	N	4 N	
1033		WG	78		W401	KNEE	03-Jun-2008	N	N	N	N	3 N	
1034		WG	77		W371	HIP	03-Jun-2008	N	N	N	N	8 N	
1035		HX	67		W381	HIP	03-Jun-2008	N	N	N	N	6 N	
1036		WG	51		W371	HIP	04-Jun-2008	N	N	N	N	1 N	
1037		WG	74		W401	KNEE	04-Jun-2008	N	N	N	N	7 N	
1038		HX	64		W371	HIP	04-Jun-2008	N	N	N	N	2 N	
1039		WG	81		W401	KNEE	04-Jun-2008	N	N	N	N	6 N	
1040		NT	73		W401	KNEE	04-Jun-2008	N	N	N	N	10 N	
1041		NT	84		W401	KNEE	04-Jun-2008	N	N	N	N	11 N	
1042		NT	84		W381	HIP	04-Jun-2008	N	N	N	N	10 N	
1043		WG	71		W371	HIP	04-Jun-2008	N	N	N	N	3 N	
1044		WG	68		W401	KNEE	05-Jun-2008	N	N	N	N	7 N	
1045		WG	73		W371	HIP	05-Jun-2008	N	N	N	N	3 N	
1046		WG	42		W401	KNEE	05-Jun-2008	N	N	N	N	2 N	
1047		NT	85		W381	HIP	05-Jun-2008	N	N	N	N	9 N	
1048		NT	73		W401	KNEE	05-Jun-2008	N	N	N	N	9 N	
1049		HX	74		W401	KNEE	05-Jun-2008	N	N	N	N	4 N	
1050		HX	61		W381	HIP	05-Jun-2008	N	N	N	N	3 N	
1051		WG	58		W401	KNEE	05-Jun-2008	N	N	N	N	2 N	
1052		WG	56		W371	HIP	05-Jun-2008	N	N	N	N	6 N	
1053		HX	76		W371	HIP	08-Jun-2008	N	N	N	N	8 N	
1054		WG	68		W371	HIP	09-Jun-2008	N	N	N	N	4 N	

[illegible]

	AX	AY	AZ	BA	BB	BC	BD	BE
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	BF	BG	BH
968	N		
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1007	N		
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1026	YES 10/06/08(not submitted to HPA)	Staph Aureus	6/10/2008
1027	N		
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1052	N		
1053	N		
1054	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1055		WG	73		W401	KNEE	09-Jun-2008	N	N	N	N	4	N
1056		WG	68		W401	KNEE	10-Jun-2008	N	N	N	N	3	N
1057		NT	71		W401	KNEE	10-Jun-2008	N	N	N	N	7	N
1058		NT	57		W401	KNEE	10-Jun-2008	N	N	N	N	4	N
1059		NT	86		W371	HIP	10-Jun-2008	N	N	N	N	12	N
1060		WG	70		W371	HIP	10-Jun-2008	N	N	N	N	0	N
1061		HX	57		W371	HIP	10-Jun-2008	N	N	N	N	3	N
1062		HX	70		W371	HIP	10-Jun-2008	N	N	N	N	3	N
1063		HX	46		W381	HIP	10-Jun-2008	N	N	N	N	2	N
1064		WG	88		W371	HIP	11-Jun-2008	N	N	N	N	27	N
1065		NT	78		W401	KNEE	11-Jun-2008	N	N	N	N	10	N
1066		NT	78		W381	HIP	11-Jun-2008	N	N	N	N	9	N
1067		NT	78		W401	KNEE	11-Jun-2008	N	N	N	N	16	N
1068		WG	77		W401	KNEE	11-Jun-2008	N	N	N	N	3	N
1069		HX	60		W381	HIP	11-Jun-2008	N	N	N	N	4	N
1070		HX	49		W401	KNEE	11-Jun-2008	N	N	N	N	6	N
1071		WG	73		W371	HIP	12-Jun-2008	N	N	N	N	2	N
1072		HX	68		W401	KNEE	12-Jun-2008	N	N	N	N	4	N
1073		WG	69		W371	HIP	12-Jun-2008	N	N	N	N	3	N
1074		HX	72		W401	KNEE	12-Jun-2008	N	N	N	N	5	N
1075		WG	75		W401	KNEE	13-Jun-2008	N	N	N	N	5	N
1076		WG	83		W371	HIP	13-Jun-2008	N	N	N	N	2	N
1077		WG	51		W371	HIP	13-Jun-2008	N	N	N	N	3	N
1078		WG	75		W371	HIP	13-Jun-2008	N	N	N	N	2	N
1079		WG	76		W401	KNEE	13-Jun-2008	N	N	N	N	2	N
1080		HX	62		W401	KNEE	13-Jun-2008	N	N	N	N	3	N
1081		NT	63		W401	KNEE	14-Jun-2008	N	N	N	N	5	N
1082		NT	66		W411	KNEE	14-Jun-2008	N	N	N	N	6	N
1083		WG	64		W371	HIP	16-Jun-2008	N	N	N	N	5	N
1084		HX	75		W401	KNEE	16-Jun-2008	N	N	N	N	2	N
1085		HX	60		W381	HIP	16-Jun-2008	N	N	N	N	3	N
1086		HX	65		W401	KNEE	16-Jun-2008	N	N	N	N	3	N
1087		HX	68		W371	HIP	16-Jun-2008	N	N	N	N	2	N
1088		HX	54		W401	KNEE	16-Jun-2008	N	N	N	N	5	N
1089		WG	66		W401	KNEE	16-Jun-2008	N	N	N	N	5	N
1090		WG	77		W401	KNEE	16-Jun-2008	N	N	N	N	3	N
1091		WG	85		W401	KNEE	16-Jun-2008	N	N	N	N	10	N
1092		NT	63		W401	KNEE	17-Jun-2008	N	N	N	N	6	N
1093		NT	73		W411	KNEE	17-Jun-2008	N	N	N	N	11	N
1094		NT	68		W401	KNEE	17-Jun-2008	N	N	N	N	6	N
1095		WG	73		W371	HIP	17-Jun-2008	N	N	N	N	7	N
1096		HX	65		W381	HIP	17-Jun-2008	N	N	N	N	2	N
1097		HX	74		W371	HIP	17-Jun-2008	N	N	N	N	7	N
1098		HX	62		W401	KNEE	17-Jun-2008	N	N	N	N	3	N
1099		HX	61		W401	KNEE	17-Jun-2008	N	N	N	N	2	N
1100		WG	83		W401	KNEE	18-Jun-2008	N	N	N	N	3	N
1101		HX	62		W371	HIP	18-Jun-2008	N	N	N	N	5	N
1102		NT	77		W401	KNEE	18-Jun-2008	N	N	N	N	6	N
1103		WG	61		W401	KNEE	19-Jun-2008	N	N	N	N	4	N
1104		WG	59		W401	KNEE	19-Jun-2008	N	N	N	N	2	N
1105		WG	73		W371	HIP	19-Jun-2008	N	N	N	N	2	N
1106		HX	67		W381	HIP	19-Jun-2008	N	N	N	N	4	N
1107		HX	78		W401	KNEE	19-Jun-2008	N	N	N	N	5	N
1108		WG	68		W401	KNEE	20-Jun-2008	N	N	N	N	2	N
1109		WG	57		W401	KNEE	20-Jun-2008	N	N	N	N	5	N
1110		HX	59		W401	KNEE	20-Jun-2008	N	N	N	N	3	N
1111		HX	77		W401	KNEE	20-Jun-2008	N	N	N	N	4	N
1112		HX	80		W401	KNEE	20-Jun-2008	N	N	N	N	6	N
1113		NT	73		W371	HIP	21-Jun-2008	N	N	N	N	13	N
1114		NT	73		W401	KNEE	21-Jun-2008	N	N	N	N	7	N
1115		NT	81		W401	KNEE	21-Jun-2008	N	N	N	N	14	N
1116		WG	73		W401	KNEE	21-Jun-2008	N	N	N	N	3	N
1117		WG	76		W401	KNEE	21-Jun-2008	N	N	N	N	3	N
1118		WG	64		W401	KNEE	21-Jun-2008	N	N	N	N	3	N
1119		WG	74		W401	KNEE	21-Jun-2008	N	N	N	N	3	N
1120		HX	51		W381	HIP	23-Jun-2008	N	N	N	N	3	N
1121		HX	56		W371	HIP	23-Jun-2008	N	N	N	N	2	N
1122		NT	71		W401	KNEE	24-Jun-2008	N	N	N	N	11	N
1123		NT	77		W401	KNEE	24-Jun-2008	N	N	N	N	4	N
1124		NT	66		W401	KNEE	24-Jun-2008	N	N	N	N	17	N
1125		NT	64		W381	HIP	24-Jun-2008	N	N	N	N	7	N
1126		NT	79		W401	KNEE	24-Jun-2008	N	N	N	N	5	N
1127		HX	71		W371	HIP	24-Jun-2008	N	N	N	N	6	N
1128		NT	68		W401	KNEE	24-Jun-2008	N	N	N	N	6	N
1129		WG	86		W371	HIP	24-Jun-2008	N	N	N	N	4	N
1130		WG	61		W371	HIP	24-Jun-2008	N	N	N	N	2	N
1131		WG	59		W401	KNEE	24-Jun-2008	N	N	N	N	2	N
1132		WG	67		W401	KNEE	24-Jun-2008	N	N	N	N	2	N
1133		WG	84		W371	HIP	24-Jun-2008	N	N	N	N	10	N
1134		WG	61		W371	HIP	25-Jun-2008	N	N	N	N	4	N
1135		WG	59		W401	KNEE	25-Jun-2008	N	N	N	N	4	N
1136		WG	63		W401	KNEE	25-Jun-2008	N	N	N	N	1	N
1137		NT	72		W381	HIP	25-Jun-2008	N	N	N	N	8	N
1138		NT	79		W401	KNEE	25-Jun-2008	N	N	N	N	10	N
1139		WG	57		W371	HIP	25-Jun-2008	N	N	N	N	3	N
1140		NT	75		W401	KNEE	26-Jun-2008	N	N	N	N	8	N
1141		NT	71		W401	KNEE	26-Jun-2008	N	N	N	N	15	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
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1056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1059	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1060	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1061	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1062	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1064	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1065	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1066	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1067	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	Y	N
1068	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1069	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1071	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1073	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1074	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1075	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1076	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1077	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1078	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1079	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1080	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1081	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1082	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1083	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1084	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1085	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1086	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1087	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1088	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1089	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1090	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1091	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1092	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1093	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1094	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1095	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1096	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1099	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1100	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1101	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1102	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1103	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1105	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1106	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1107	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1108	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1109	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1110	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1111	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1112	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
1113	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1114	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1115	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	Y	N	N
1116	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1117	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
1118	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1119	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1120	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1121	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1122	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1123	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1124	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1125	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1126	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1127	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1128	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1129	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1130	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1131	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1132	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1133	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1134	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1135	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1136	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1137	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1138	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1139	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1140	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1141	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1055	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1059	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1060	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
1061	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1062	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1064	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1065	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1066	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1067	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1068	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1069	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1071	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1073	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1074	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1075	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1076	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1077	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1078	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1079	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1080	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1081	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1082	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1085	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	16	1	N	
1086	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1088	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
1089	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1090	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1091	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1093	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1094	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1095	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1099	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1100	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	33	0	N	
1101	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1102	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1103	N	N	Y	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	2	N	
1104	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
1105	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1106	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1107	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1108	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1109	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1110	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1111	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1112	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1113	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1114	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	1	N	
1115	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1116	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1117	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1118	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1119	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1120	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1121	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1122	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1123	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1124	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1125	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1126	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1127	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	9	0	N	
1128	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1129	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1130	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1131	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1132	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1133	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1134	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1135	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1136	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1137	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1138	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1139	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1140	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1141	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
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	BF	BG	BH
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1079	N		
1080	N		
1081	N		
1082	N		
1083	N		
1084	N		
1085	YES	MSSA/Enterobacter aerogenes	
1086	N		
1087	N		
1088	YES	Coag neg Staph/Pseudomonas	
1089	N		
1090	N		
1091	N		
1092	N		
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1100	YES 02/07/08 (not submitted to HPA)	Staph Aureus	7/2/2008
1101	N		
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1141	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1142	NT	77			W371	HIP	26-Jun-2008	N	N	N	N	14	N
1143	HX	47			W381	HIP	26-Jun-2008	N	N	N	N	4	N
1144	WG	51			W401	KNEE	26-Jun-2008	N	N	N	N	2	N
1145	HX	70			W401	KNEE	26-Jun-2008	N	N	N	N	4	N
1146	HX	74			W391	HIP	26-Jun-2008	N	N	N	N	15	N
1147	WG	58			W401	KNEE	27-Jun-2008	N	N	N	N	3	N
1148	HX	72			W381	HIP	27-Jun-2008	N	N	N	N	5	N
1149	WG	80			W401	KNEE	27-Jun-2008	N	N	N	N	3	N
1150	NT	79			W371	HIP	27-Jun-2008	N	N	N	N	7	N
1151	HX	61			W381	HIP	27-Jun-2008	N	N	N	N	4	N
1152	NT	71			W401	KNEE	28-Jun-2008	N	N	N	N	7	N
1153	NT	80			W401	KNEE	28-Jun-2008	N	N	N	N	20	N
1154	NT	43			W391	HIP	28-Jun-2008	N	N	N	N	4	N
1155	WG	79			W401	KNEE	30-Jun-2008	N	N	N	N	7	N
1156	WG	88			W401	KNEE	30-Jun-2008	N	N	N	N	4	N
1157	WG	75			W401	KNEE	30-Jun-2008	N	N	N	N	4	N
1158	HX	59			W401	KNEE	30-Jun-2008	N	N	N	N	2	N
1159	WG	63			W381	HIP	01-Jul-2008	N	N	N	N	59	Y
1160	NT	78			W371	HIP	01-Jul-2008	N	N	N	N	10	N
1161	NT	73			W401	KNEE	01-Jul-2008	N	N	N	N	10	N
1162	NT	83			W401	KNEE	01-Jul-2008	N	N	N	N	10	N
1163	HX	82			W371	HIP	01-Jul-2008	N	N	N	N	10	N
1164	WG	73			W401	KNEE	02-Jul-2008	N	N	N	N	9	N
1165	NT	71			W401	KNEE	02-Jul-2008	N	N	N	N	5	N
1166	NT	65			W371	HIP	02-Jul-2008	N	N	N	N	4	N
1167	NT	57			W381	HIP	02-Jul-2008	N	N	N	N	7	N
1168	WG	51			W401	KNEE	02-Jul-2008	N	N	N	N	4	N
1169	WG	60			W421	KNEE	02-Jul-2008	N	N	N	N	4	N
1170	NT	65			W381	HIP	02-Jul-2008	N	N	N	N	5	N
1171	WG	58			W401	KNEE	03-Jul-2008	N	N	N	N	3	N
1172	WG	65			W371	HIP	03-Jul-2008	N	N	N	N	2	N
1173	WG	80			W401	KNEE	04-Jul-2008	N	N	N	N	3	N
1174	WG	73			W391	HIP	04-Jul-2008	N	N	N	N	3	N
1175	HX	62			W401	KNEE	04-Jul-2008	N	N	N	N	6	N
1176	WG	57			W401	KNEE	04-Jul-2008	N	N	N	N	6	N
1177	HX	56			W401	KNEE	04-Jul-2008	N	N	N	N	2	N
1178	HX	78			W371	HIP	04-Jul-2008	N	N	N	N	3	N
1179	NT	71			W381	HIP	05-Jul-2008	N	N	N	N	8	N
1180	NT	75			W401	KNEE	05-Jul-2008	N	N	N	N	10	N
1181	HX	79			W371	HIP	07-Jul-2008	N	N	N	N	4	N
1182	HX	63			W401	KNEE	07-Jul-2008	N	N	N	N	3	N
1183	WG	84			W401	KNEE	07-Jul-2008	N	N	N	N	29	N
1184	NT	60			W401	KNEE	08-Jul-2008	N	N	N	N	7	N
1185	NT	70			W401	KNEE	08-Jul-2008	N	N	N	N	4	N
1186	HX	59			W391	HIP	08-Jul-2008	N	N	N	N	2	N
1187	HX	70			W401	KNEE	08-Jul-2008	N	N	N	N	3	N
1188	HX	70			W401	KNEE	08-Jul-2008	N	N	N	N	2	N
1189	HX	61			W371	HIP	08-Jul-2008	N	N	N	N	2	N
1190	HX	59			W371	HIP	08-Jul-2008	N	N	N	N	3	N
1191	WG	74			W371	HIP	09-Jul-2008	N	N	N	N	5	N
1192	WG	83			W371	HIP	09-Jul-2008	N	N	N	N	1	N
1193	WG	64			W401	KNEE	09-Jul-2008	N	N	N	N	6	N
1194	NT	65			W401	KNEE	09-Jul-2008	N	N	N	N	7	N
1195	WG	55			W401	KNEE	10-Jul-2008	N	N	N	N	9	N
1196	HX	80			W401	KNEE	10-Jul-2008	N	N	N	N	5	N
1197	NT	58			W401	KNEE	10-Jul-2008	N	N	N	N	6	N
1198	NT	61			W401	KNEE	10-Jul-2008	N	N	N	N	13	N
1199	NT	84			W401	KNEE	10-Jul-2008	N	N	N	N	9	N
1200	WG	70			W371	HIP	10-Jul-2008	N	N	N	N	2	N
1201	HX	55			W371	HIP	10-Jul-2008	N	N	N	N	2	N
1202	HX	63			W401	KNEE	10-Jul-2008	N	N	N	N	2	N
1203	WG	70			W371	HIP	11-Jul-2008	N	N	N	N	5	N
1204	WG	68			W401	KNEE	11-Jul-2008	N	N	N	N	1	N
1205	WG	69			W401	KNEE	11-Jul-2008	N	N	N	N	4	N
1206	NT	60			W381	HIP	11-Jul-2008	N	N	N	N	11	N
1207	NT	78			W421	KNEE	11-Jul-2008	N	N	N	N	11	N
1208	NT	74			W381	HIP	12-Jul-2008	N	N	N	N	10	N
1209	NT	71			W421	KNEE	12-Jul-2008	N	N	N	N	10	N
1210	NT	83			W391	HIP	12-Jul-2008	N	N	N	Y	8	N
1211	WG	78			W401	KNEE	14-Jul-2008	N	N	N	N	5	N
1212	WG	61			W401	KNEE	14-Jul-2008	N	N	N	N	3	N
1213	HX	74			W401	KNEE	14-Jul-2008	N	N	N	N	4	N
1214	WG	71			W401	KNEE	15-Jul-2008	N	N	N	N	4	N
1215	WG	85			W371	HIP	15-Jul-2008	N	N	N	N	3	N
1216	WG	65			W371	HIP	15-Jul-2008	N	N	N	N	3	N
1217	HX	71			W371	HIP	15-Jul-2008	N	N	N	N	4	N
1218	NT	61			W381	HIP	15-Jul-2008	N	N	N	N	6	N
1219	WG	71			W401	KNEE	15-Jul-2008	N	N	N	N	3	N
1220	HX	77			W401	KNEE	15-Jul-2008	N	N	N	N	4	N
1221	HX	79			W401	KNEE	15-Jul-2008	N	N	N	N	3	N
1222	WG	58			W401	KNEE	16-Jul-2008	N	N	N	N	6	N
1223	NT	55			W381	HIP	16-Jul-2008	N	N	N	N	3	N
1224	WG	65			W401	KNEE	16-Jul-2008	N	N	N	N	6	N
1225	WG	77			W401	KNEE	16-Jul-2008	N	N	N	N	5	N
1226	WG	80			W401	KNEE	17-Jul-2008	N	N	N	N	13	N
1227	NT	61			W401	KNEE	17-Jul-2008	N	N	N	N	6	N
1228	WG	69			W401	KNEE	17-Jul-2008	N	N	N	N	2	N
1229	HX	62			W371	HIP	17-Jul-2008	N	N	N	N	4	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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1199	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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E669

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1232		WG	59		W371	HIP	18-Jul-2008	N	N	N	N	3	N
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1235		WG	67		W371	HIP	18-Jul-2008	N	N	N	N	4	N
1236		NT	65		W401	KNEE	18-Jul-2008	N	N	N	N	5	N
1237		NT	75		W381	HIP	18-Jul-2008	N	N	N	N	7	N
1238		HX	73		W401	KNEE	18-Jul-2008	N	N	N	N	4	N
1239		NT	69		W381	HIP	19-Jul-2008	N	N	N	N	5	N
1240		WG	67		W371	HIP	21-Jul-2008	N	N	N	N	2	N
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1242		WG	82		W371	HIP	21-Jul-2008	N	N	N	N	10	N
1243		WG	76		W371	HIP	21-Jul-2008	N	N	N	N	3	N
1244		WG	60		W371	HIP	21-Jul-2008	N	N	N	N	2	N
1245		WG	81		W371	HIP	21-Jul-2008	N	N	N	N	4	N
1246		HX	73		W401	KNEE	21-Jul-2008	N	N	N	N	5	N
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1248		WG	70		W371	HIP	22-Jul-2008	N	N	N	N	50	N
1249		NT	71		W401	KNEE	22-Jul-2008	N	N	N	N	8	N
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1251		WG	74		W371	HIP	22-Jul-2008	N	N	N	N	20	N
1252		HX	78		W371	HIP	22-Jul-2008	N	N	N	N	6	N
1253		WG	60		W401	KNEE	23-Jul-2008	N	N	N	N	21	N
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1255		NT	70		W401	KNEE	24-Jul-2008	N	N	N	N	12	N
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1257		HX	60		W381	HIP	24-Jul-2008	N	N	N	N	3	N
1258		NT	57		W401	KNEE	24-Jul-2008	N	N	N	N	7	N
1259		NT	80		W371	HIP	24-Jul-2008	N	N	N	N	6	N
1260		HX	74		W401	KNEE	24-Jul-2008	N	N	N	N	3	N
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1262		WG	59		W371	HIP	25-Jul-2008	N	N	N	N	1	N
1263		HX	79		W401	KNEE	25-Jul-2008	N	N	N	N	5	N
1264		WG	62		W401	KNEE	28-Jul-2008	N	N	N	N	3	N
1265		WG	66		W401	KNEE	28-Jul-2008	N	N	N	N	2	N
1266		WG	54		W371	HIP	29-Jul-2008	N	N	N	N	2	N
1267		WG	79		W371	HIP	29-Jul-2008	N	N	N	N	3	N
1268		WG	60		W401	KNEE	30-Jul-2008	N	N	N	N	2	N
1269		WG	57		W401	KNEE	30-Jul-2008	N	N	N	N	2	N
1270		HX	67		W371	HIP	30-Jul-2008	N	N	N	N	2	N
1271		WG	74		W371	HIP	30-Jul-2008	N	N	N	N	4	N
1272		HX	57		W371	HIP	30-Jul-2008	N	N	N	N	2	N
1273		HX	73		W371	HIP	30-Jul-2008	N	N	N	N	2	N
1274		NT	85		W371	HIP	31-Jul-2008	Y	Y	N	N	3	N
1275		WG	74		W371	HIP	31-Jul-2008	N	N	N	N	6	N
1276		HX	70		W401	KNEE	31-Jul-2008	N	N	N	N	4	N
1277		HX	70		W381	HIP	31-Jul-2008	N	N	N	N	4	N
1278		HX	68		W371	HIP	31-Jul-2008	N	N	N	N	3	N
1279		WG	56		W401	KNEE	01-Aug-2008	N	N	N	N	3	N
1280		WG	73		W401	KNEE	01-Aug-2008	N	N	N	N	3	N
1281		WG	73		W401	KNEE	01-Aug-2008	N	N	N	N	2	N
1282		NT	57		W401	KNEE	01-Aug-2008	N	N	N	N	14	N
1283		NT	59		W401	KNEE	01-Aug-2008	N	N	N	N	14	N
1284		NT	61		W411	KNEE	01-Aug-2008	N	N	N	N	5	N
1285		WG	78		W401	KNEE	01-Aug-2008	N	N	N	N	2	N
1286		WG	54		W371	HIP	01-Aug-2008	N	N	N	N	2	N
1287		HX	81		W401	KNEE	01-Aug-2008	N	N	N	N	4	N
1288		NT	79		W381	HIP	02-Aug-2008	N	N	N	N	14	N
1289		NT	71		W401	KNEE	02-Aug-2008	N	N	N	N	6	N
1290		HX	70		W371	HIP	04-Aug-2008	N	N	N	N	2	N
1291		HX	82		W401	KNEE	04-Aug-2008	N	N	N	N	4	N
1292		HX	99		W401	KNEE	04-Aug-2008	N	N	N	N	5	N
1293		NT	70		W381	HIP	05-Aug-2008	N	N	N	N	7	N
1294		NT	71		W381	HIP	05-Aug-2008	N	N	N	N	7	N
1295		WG	63		W401	KNEE	05-Aug-2008	N	N	N	N	3	N
1296		WG	58		W371	HIP	05-Aug-2008	N	N	N	N	1	N
1297		WG	64		W401	KNEE	05-Aug-2008	N	N	N	N	5	N
1298		WG	64		W371	HIP	05-Aug-2008	N	N	N	N	2	N
1299		NT	76		W381	HIP	05-Aug-2008	N	N	N	N	24	N
1300		HX	53		W401	KNEE	05-Aug-2008	N	N	N	N	3	N
1301		WG	66		W401	KNEE	06-Aug-2008	N	N	N	N	5	N
1302		NT	72		W401	KNEE	07-Aug-2008	N	N	N	N	6	N
1303		NT	78		W401	KNEE	07-Aug-2008	N	N	N	N	7	N
1304		NT	62		W401	KNEE	07-Aug-2008	N	N	N	N	14	N
1305		WG	65		W401	KNEE	07-Aug-2008	N	N	N	N	6	N
1306		WG	57		W401	KNEE	07-Aug-2008	N	N	N	N	2	N
1307		HX	68		W381	HIP	07-Aug-2008	N	N	N	N	4	N
1308		HX	56		W401	KNEE	07-Aug-2008	N	N	N	N	10	N
1309		WG	73		W401	KNEE	08-Aug-2008	N	N	N	N	3	N
1310		WG	66		W371	HIP	08-Aug-2008	N	N	N	N	2	N
1311		WG	54		W401	KNEE	08-Aug-2008	N	N	N	N	2	N
1312		WG	65		W371	HIP	11-Aug-2008	N	N	N	N	2	N
1313		WG	70		W371	HIP	11-Aug-2008	N	N	N	N	5	N
1314		WG	81		W371	HIP	11-Aug-2008	N	N	N	N	23	N
1315		WG	69		W401	KNEE	11-Aug-2008	N	N	N	N	5	N
1316		NT	62		W381	HIP	12-Aug-2008	N	N	N	N	7	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1230	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1232	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1233	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1234	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1235	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1236	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1237	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1238	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1239	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1240	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1241	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1242	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1243	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1244	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1245	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1246	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1247	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1248	N	N	N	Y	N	N	Y	N	N	Y	N	N	N	N	N	Y	N	N
1249	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1250	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1251	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1252	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1253	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	Y
1254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1256	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1257	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N
1258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1260	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1261	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1262	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1263	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1265	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1267	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1269	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1270	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1271	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1273	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1276	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1277	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1279	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1281	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1282	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1283	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1284	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1285	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1286	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1287	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1288	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1289	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1291	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1293	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1294	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1296	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1297	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1298	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1299	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1300	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1301	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1303	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1305	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1306	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1309	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1311	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1312	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1313	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1314	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1316	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1230	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1232	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1233	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1234	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1235	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1236	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1237	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1238	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1239	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1240	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1241	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1242	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1243	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1244	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	4	0	N	
1245	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1246	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1247	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1248	N	N	Y	N	N	N	N	N	Y	N	N	N	N	N	#NULL!	0	Y	
1249	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1250	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1251	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1252	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1253	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	Y	
1254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1256	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1257	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1260	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1261	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
1262	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1263	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1265	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1267	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1269	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1270	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1271	N	N	N	Y	Y	N	N	N	N	N	N	N	N	Y	12	0	N	
1272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1273	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1276	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1277	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1279	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1281	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1282	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1283	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1284	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1285	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1286	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1287	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1288	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1289	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1291	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1293	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1294	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1296	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1299	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	Y	
1300	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1301	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1303	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1304	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1305	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1306	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	E669
1307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1309	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1313	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	8	0	N	
1314	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1315	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1316	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669

	AX	AY	AZ	BA	BB	BC	BD	BE
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	BF	BG	BH
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1305	YES 29/06/08 (not submitted to HPA)	Staph. Aureus/ MSSA	
1306	N		
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1316	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1317		WG	64		W371	HIP	12-Aug-2008	N	N	N	N	1	N
1318		HX	55		W371	HIP	12-Aug-2008	N	N	N	N	1	N
1319		WG	72		W401	KNEE	12-Aug-2008	N	N	N	N	2	N
1320		WG	73		W371	HIP	12-Aug-2008	N	N	N	N	13	N
1321		WG	89		W371	HIP	12-Aug-2008	N	N	N	N	10	N
1322		WG	73		W401	KNEE	12-Aug-2008	N	N	N	N	11	N
1323		HX	54		W371	HIP	12-Aug-2008	N	N	N	N	1	N
1324		WG	71		W371	HIP	13-Aug-2008	N	N	N	N	6	N
1325		NT	58		W381	HIP	13-Aug-2008	N	N	N	N	9	N
1326		WG	59		W371	HIP	13-Aug-2008	N	N	N	N	2	N
1327		HX	56		W381	HIP	13-Aug-2008	N	N	N	N	3	N
1328		WG	82		W371	HIP	14-Aug-2008	N	N	N	N	61	N
1329		NT	53		W401	KNEE	15-Aug-2008	N	N	N	N	6	N
1330		WG	65		W371	HIP	15-Aug-2008	N	N	N	N	2	N
1331		WG	76		W371	HIP	15-Aug-2008	N	N	N	N	20	N
1332		NT	61		W401	KNEE	15-Aug-2008	N	N	N	N	7	N
1333		WG	70		W401	KNEE	15-Aug-2008	N	N	N	N	4	N
1334		WG	58		W401	KNEE	15-Aug-2008	N	N	N	N	4	N
1335		NT	75		W401	KNEE	16-Aug-2008	N	N	N	N	13	N
1336		NT	89		W371	HIP	16-Aug-2008	N	N	N	N	18	N
1337		WG	59		W371	HIP	18-Aug-2008	N	N	N	N	2	N
1338		WG	68		W371	HIP	18-Aug-2008	N	N	N	N	9	N
1339		HX	66		W381	HIP	18-Aug-2008	N	N	N	N	3	N
1340		HX	63		W401	KNEE	18-Aug-2008	N	N	N	N	3	N
1341		WG	68		W401	KNEE	19-Aug-2008	N	N	N	N	4	N
1342		HX	66		W401	KNEE	19-Aug-2008	N	N	N	N	7	N
1343		HX	62		W401	KNEE	19-Aug-2008	N	N	N	N	2	N
1344		HX	77		W371	HIP	19-Aug-2008	N	N	N	N	6	N
1345		WG	64		W371	HIP	20-Aug-2008	N	N	N	N	2	N
1346		WG	72		W371	HIP	20-Aug-2008	N	N	N	N	3	N
1347		NT	74		W401	KNEE	20-Aug-2008	N	N	N	N	6	N
1348		NT	73		W401	KNEE	21-Aug-2008	N	N	N	N	8	N
1349		WG	70		W371	HIP	21-Aug-2008	N	N	N	N	6	N
1350		WG	74		W401	KNEE	21-Aug-2008	N	N	N	N	4	N
1351		WG	78		W371	HIP	21-Aug-2008	N	N	N	N	6	N
1352		HX	77		W381	HIP	21-Aug-2008	N	N	N	N	8	N
1353		WG	87		W371	HIP	22-Aug-2008	N	N	N	N	27	N
1354		NT	58		W401	KNEE	22-Aug-2008	N	N	N	N	4	N
1355		WG	68		W401	KNEE	22-Aug-2008	N	N	N	N	3	N
1356		WG	66		W401	KNEE	22-Aug-2008	N	N	N	N	3	N
1357		NT	70		W391	HIP	22-Aug-2008	N	N	N	N	14	N
1358		NT	62		W391	HIP	23-Aug-2008	N	N	N	N	10	N
1359		NT	85		W401	KNEE	23-Aug-2008	N	N	N	N	6	N
1360		WG	67		W401	KNEE	26-Aug-2008	N	N	N	N	3	N
1361		NT	63		W401	KNEE	26-Aug-2008	N	N	N	N	7	N
1362		NT	79		W381	HIP	26-Aug-2008	N	N	N	N	7	N
1363		NT	53		W401	KNEE	26-Aug-2008	N	N	N	N	4	N
1364		WG	80		W371	HIP	27-Aug-2008	N	N	N	N	2	N
1365		WG	59		W371	HIP	27-Aug-2008	N	N	N	N	3	N
1366		WG	77		W401	KNEE	27-Aug-2008	N	N	N	N	3	N
1367		NT	75		W371	HIP	27-Aug-2008	N	N	N	N	15	N
1368		HX	75		W401	KNEE	27-Aug-2008	N	N	N	N	7	N
1369		WG	66		W401	KNEE	28-Aug-2008	N	N	N	N	4	N
1370		WG	82		W371	HIP	29-Aug-2008	N	N	N	N	18	N
1371		WG	73		W371	HIP	29-Aug-2008	N	N	N	N	5	N
1372		NT	71		W381	HIP	30-Aug-2008	N	N	N	N	10	N
1373		NT	63		W401	KNEE	30-Aug-2008	N	N	N	N	7	N
1374		WG	63		W401	KNEE	01-Sep-2008	N	N	N	N	4	N
1375		HX	65		W401	KNEE	01-Sep-2008	N	N	N	N	3	N
1376		HX	60		W381	HIP	01-Sep-2008	N	N	N	N	3	N
1377		HX	77		W401	KNEE	01-Sep-2008	N	N	N	N	9	N
1378		HX	73		W421	KNEE	01-Sep-2008	N	N	N	N	2	N
1379		NT	59		W421	KNEE	02-Sep-2008	N	N	N	N	7	N
1380		NT	72		W401	KNEE	02-Sep-2008	N	N	N	N	7	N
1381		WG	68		W371	HIP	02-Sep-2008	N	N	N	N	3	N
1382		WG	70		W401	KNEE	02-Sep-2008	N	N	N	N	3	N
1383		WG	42		W401	KNEE	02-Sep-2008	N	N	N	N	3	N
1384		NT	66		W401	KNEE	03-Sep-2008	N	N	N	N	6	N
1385		WG	73		W401	KNEE	03-Sep-2008	N	N	N	N	21	N
1386		WG	62		W371	HIP	03-Sep-2008	N	N	N	N	6	N
1387		WG	61		W401	KNEE	03-Sep-2008	N	N	N	N	3	N
1388		HX	65		W401	KNEE	03-Sep-2008	N	N	N	N	3	N
1389		NT	51		W401	KNEE	04-Sep-2008	N	N	N	N	6	N
1390		NT	78		W401	KNEE	04-Sep-2008	N	N	N	N	28	N
1391		WG	60		W371	HIP	04-Sep-2008	N	N	N	N	2	N
1392		HX	78		W401	KNEE	04-Sep-2008	N	N	N	N	11	N
1393		HX	75		W421	KNEE	04-Sep-2008	N	N	N	N	3	N
1394		HX	76		W371	HIP	05-Sep-2008	N	N	N	N	3	N
1395		NT	67		W401	KNEE	05-Sep-2008	N	N	N	N	7	N
1396		WG	86		W371	HIP	05-Sep-2008	N	N	N	N	6	N
1397		WG	83		W401	KNEE	05-Sep-2008	N	N	N	N	6	N
1398		HX	66		W401	KNEE	05-Sep-2008	N	N	N	N	3	N
1399		HX	67		W401	KNEE	05-Sep-2008	N	N	N	N	3	N
1400		NT	59		W401	KNEE	06-Sep-2008	N	N	N	N	6	N
1401		WG	83		W401	KNEE	08-Sep-2008	N	N	N	N	24	N
1402		WG	69		W401	KNEE	08-Sep-2008	N	N	N	N	5	N
1403		WG	71		W401	KNEE	08-Sep-2008	N	N	N	N	9	N
1404		HX	71		W401	KNEE	08-Sep-2008	N	N	N	N	5	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
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1318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1320	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1321	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
1322	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1323	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1324	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1326	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1328	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1331	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1332	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1333	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1334	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1335	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1336	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
1337	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1338	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1339	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1340	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1341	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1342	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	N	N
1343	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1344	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1345	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1346	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1347	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1348	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1349	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1350	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1351	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1352	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1353	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1354	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1355	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1356	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1357	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1358	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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1360	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1361	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1362	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1363	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1364	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1365	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N
1366	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1367	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1368	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1369	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
1370	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1371	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1373	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
1374	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1376	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1378	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1379	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1383	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1384	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1385	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1386	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1387	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1388	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1389	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1390	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1391	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1392	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
1393	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1394	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1395	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1396	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1397	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1398	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1400	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1401	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N
1402	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1403	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
1317	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
1318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1320	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1321	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1322	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1323	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1324	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	14	0	N	
1325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1326	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1328	Y	N	N	N	Y	N	N	N	Y	N	N	N	N	N	#NULL!	1	Y	
1329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
1330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1331	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	1	N	
1332	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1333	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1334	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1335	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1336	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
1337	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1338	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1339	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1340	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1341	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1342	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1343	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1344	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1345	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1346	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1347	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1348	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1349	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1350	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1351	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	9	0	N	
1352	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1353	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1354	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1355	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1356	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1357	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1358	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1359	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1360	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1361	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1362	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1363	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1364	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1365	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1366	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1367	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1368	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1369	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1370	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1371	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1374	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1376	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1379	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1383	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1384	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1385	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1386	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1387	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1390	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1391	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
1392	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1393	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1394	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1395	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1396	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1397	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1400	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1401	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1402	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1403	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1317	0							
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1400	0							
1401	0							
1402	0							
1403	0							
1404	0							

	BF	BG	BH
1317	YES 26/08/08	Staph. Aureus	
1318	N		
1319	N		
1320	N		
1321	N		
1322	N		
1323	N		
1324	YES 26/08/08	Staph. Aureus	
1325	N		
1326	N		
1327	N		
1328	N		
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1398	N		
1399	N		
1400	N		
1401	N		
1402	N		
1403	N		
1404	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1405		HX	71		W401	KNEE	08-Sep-2008	N	N	N	N	4	N
1406		NT	79		W371	HIP	09-Sep-2008	N	N	N	N	9	N
1407		NT	78		W401	KNEE	09-Sep-2008	N	N	N	N	8	N
1408		WG	57		W371	HIP	09-Sep-2008	N	N	N	N	5	N
1409		WG	72		W401	KNEE	09-Sep-2008	N	N	N	N	2	N
1410		WG	71		W401	KNEE	09-Sep-2008	N	N	N	N	2	N
1411		WG	58		W401	KNEE	09-Sep-2008	N	N	N	N	7	N
1412		HX	79		W401	KNEE	09-Sep-2008	N	N	N	N	7	N
1413		WG	62		W371	HIP	10-Sep-2008	N	N	N	N	2	N
1414		WG	57		W401	KNEE	10-Sep-2008	N	N	N	N	2	N
1415		WG	73		W401	KNEE	10-Sep-2008	N	N	N	N	2	N
1416		HX	60		W381	HIP	10-Sep-2008	N	N	N	N	2	N
1417		HX	61		W381	HIP	10-Sep-2008	N	N	N	N	3	N
1418		HX	81		W401	KNEE	11-Sep-2008	N	N	N	N	4	N
1419		NT	78		W401	KNEE	11-Sep-2008	N	N	N	N	7	N
1420		NT	80		W401	KNEE	11-Sep-2008	N	N	N	N	8	N
1421		WG	65		W371	HIP	11-Sep-2008	N	N	N	N	4	N
1422		WG	56		W401	KNEE	11-Sep-2008	N	N	N	N	4	N
1423		WG	58		W401	KNEE	11-Sep-2008	N	N	N	N	4	N
1424		HX	54		W381	HIP	11-Sep-2008	N	N	N	N	3	N
1425		HX	72		W371	HIP	11-Sep-2008	N	N	N	N	3	N
1426		WG	76		W401	KNEE	12-Sep-2008	N	N	N	N	15	N
1427		WG	74		W401	KNEE	12-Sep-2008	N	N	N	N	2	N
1428		HX	78		W401	KNEE	12-Sep-2008	N	N	N	N	5	N
1429		HX	68		W401	KNEE	12-Sep-2008	N	N	N	N	5	N
1430		NT	71		W401	KNEE	13-Sep-2008	N	N	N	N	6	N
1431		NT	86		W381	HIP	15-Sep-2008	N	N	N	N	15	N
1432		NT	72		W401	KNEE	15-Sep-2008	N	N	N	N	19	N
1433		WG	68		W381	HIP	15-Sep-2008	N	N	N	N	2	N
1434		WG	52		W401	KNEE	15-Sep-2008	N	N	N	N	2	N
1435		WG	64		W371	HIP	15-Sep-2008	N	N	N	N	6	N
1436		WG	77		W401	KNEE	15-Sep-2008	N	N	N	N	4	N
1437		WG	58		W401	KNEE	15-Sep-2008	N	N	N	N	4	N
1438		WG	73		W371	HIP	15-Sep-2008	N	N	N	N	7	N
1439		HX	80		W401	KNEE	15-Sep-2008	N	N	N	N	2	N
1440		HX	79		W401	KNEE	15-Sep-2008	N	N	N	N	4	N
1441		HX	69		W371	HIP	15-Sep-2008	N	N	N	N	2	N
1442		WG	75		W371	HIP	16-Sep-2008	N	N	N	N	3	N
1443		WG	81		W371	HIP	16-Sep-2008	N	N	N	N	2	N
1444		HX	83		W401	KNEE	16-Sep-2008	N	N	N	N	3	N
1445		HX	68		W371	HIP	16-Sep-2008	N	N	N	N	2	N
1446		NT	68		W401	KNEE	18-Sep-2008	N	N	N	N	5	N
1447		NT	55		W381	HIP	16-Sep-2008	N	N	N	N	5	N
1448		WG	66		W371	HIP	16-Sep-2008	N	N	N	N	5	N
1449		WG	89		W401	KNEE	16-Sep-2008	N	N	N	N	7	N
1450		NT	64		W401	KNEE	17-Sep-2008	N	N	N	N	7	N
1451		NT	59		W401	KNEE	17-Sep-2008	N	N	N	N	7	N
1452		WG	65		W401	KNEE	17-Sep-2008	N	N	N	N	2	N
1453		HX	76		W371	HIP	17-Sep-2008	N	N	N	N	6	N
1454		WG	76		W401	KNEE	17-Sep-2008	N	N	N	N	6	N
1455		WG	63		W401	KNEE	17-Sep-2008	N	N	N	N	3	N
1456		NT	65		W381	HIP	17-Sep-2008	N	N	N	N	7	N
1457		NT	65		W401	KNEE	17-Sep-2008	N	N	N	N	4	N
1458		WG	62		W401	KNEE	17-Sep-2008	N	N	N	N	8	N
1459		WG	85		W401	KNEE	17-Sep-2008	N	N	N	N	21	N
1460		HX	60		W401	KNEE	17-Sep-2008	N	N	N	N	3	N
1461		NT	77		W401	KNEE	18-Sep-2008	N	N	N	N	9	N
1462		NT	72		W401	KNEE	18-Sep-2008	N	N	N	N	6	N
1463		NT	80		W421	KNEE	18-Sep-2008	N	N	N	N	9	N
1464		NT	70		W371	HIP	18-Sep-2008	N	N	N	N	9	N
1465		WG	58		W401	KNEE	18-Sep-2008	N	N	N	N	3	N
1466		WG	60		W401	KNEE	19-Sep-2008	N	N	N	N	5	N
1467		WG	77		W401	KNEE	19-Sep-2008	N	N	N	N	3	N
1468		WG	64		W401	KNEE	19-Sep-2008	N	N	N	N	4	N
1469		WG	83		W371	HIP	19-Sep-2008	N	N	N	N	13	N
1470		HX	72		W381	HIP	19-Sep-2008	N	N	N	N	4	N
1471		HX	77		W401	KNEE	19-Sep-2008	N	N	N	N	5	N
1472		NT	78		W421	KNEE	20-Sep-2008	N	N	N	N	34	N
1473		WG	58		W371	HIP	22-Sep-2008	N	N	N	N	2	N
1474		NT	72		W371	HIP	22-Sep-2008	N	N	N	N	5	N
1475		WG	78		W401	KNEE	22-Sep-2008	N	N	N	N	33	N
1476		WG	66		W371	HIP	22-Sep-2008	N	N	N	N	5	N
1477		WG	82		W401	KNEE	22-Sep-2008	N	N	N	N	4	N
1478		HX	77		W401	KNEE	22-Sep-2008	N	N	N	N	6	N
1479		HX	67		W401	KNEE	22-Sep-2008	N	N	N	N	4	N
1480		HX	50		W401	KNEE	22-Sep-2008	N	N	N	N	3	N
1481		WG	70		W401	KNEE	23-Sep-2008	N	N	N	N	6	N
1482		NT	88		W401	KNEE	23-Sep-2008	N	N	N	N	17	N
1483		NT	78		W371	HIP	24-Sep-2008	N	N	N	N	10	N
1484		WG	57		W401	KNEE	24-Sep-2008	N	N	N	N	2	N
1485		HX	71		W381	HIP	24-Sep-2008	N	N	N	N	3	N
1486		WG	83		W401	KNEE	24-Sep-2008	N	N	N	N	16	N
1487		WG	63		W371	HIP	25-Sep-2008	N	N	N	N	2	N
1488		NT	77		W401	KNEE	25-Sep-2008	N	N	N	N	12	N
1489		NT	68		W401	KNEE	25-Sep-2008	N	N	N	N	5	N
1490		HX	72		W371	HIP	25-Sep-2008	N	N	N	N	3	N
1491		HX	72		W401	KNEE	25-Sep-2008	N	N	N	N	3	N
1492		WG	64		W371	HIP	26-Sep-2008	N	N	N	N	2	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1405	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1406	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E659
1407	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1408	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1409	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1410	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1411	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	0	N	
1412	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1413	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1414	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1415	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1416	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1417	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1418	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1419	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
1420	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1421	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1422	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1427	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1434	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1435	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1436	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1437	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1438	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1439	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1440	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1441	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1442	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1443	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1446	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1447	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1448	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	9	0	N	
1449	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1450	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1451	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1452	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1453	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1454	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1455	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1456	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1457	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1458	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1459	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1460	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1461	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1462	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1464	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1465	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1466	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
1467	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1468	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1469	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1470	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1471	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1472	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	32	N	
1473	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1474	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1475	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1476	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1477	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1478	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1479	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1480	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1481	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1482	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1483	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1484	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1485	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1486	Y	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1487	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E658
1488	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1490	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1491	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1492	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
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1406	0							
1407	0							
1408	0							
1409	0							
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1491	0							
1492	0							

	A	B	C	D	E	F	G	H	I	J	K	L	M
1493		WG	73		W401	KNEE	26-Sep-2008	N	N	N	N	4	N
1494		WG	73		W371	HIP	26-Sep-2008	N	N	N	N	5	N
1495		HX	68		W371	HIP	26-Sep-2008	N	N	N	N	9	N
1496		HX	55		W371	HIP	26-Sep-2008	N	N	N	N	3	N
1497		WG	77		W371	HIP	26-Sep-2008	N	N	N	N	5	N
1498		WG	83		W401	KNEE	26-Sep-2008	N	N	N	N	10	N
1499		HX	72		W371	HIP	26-Sep-2008	N	N	N	N	4	N
1500		NT	81		W401	KNEE	27-Sep-2008	N	N	N	N	10	N
1501		NT	76		W381	HIP	27-Sep-2008	N	N	N	N	7	N
1502		NT	73		W401	KNEE	27-Sep-2008	N	N	N	N	6	N
1503		NT	58		W381	HIP	27-Sep-2008	N	N	N	N	7	N
1504		WG	66		W371	HIP	29-Sep-2008	N	N	N	N	2	N
1505		WG	80		W401	KNEE	29-Sep-2008	N	N	N	N	16	N
1506		HX	72		W371	HIP	29-Sep-2008	N	N	N	N	2	N
1507		HX	70		W401	KNEE	29-Sep-2008	N	N	N	N	2	N
1508		WG	58		W401	KNEE	29-Sep-2008	N	N	N	N	3	N
1509		HX	78		W401	KNEE	29-Sep-2008	N	N	N	N	4	N
1510		HX	69		W401	KNEE	29-Sep-2008	N	N	N	N	4	N
1511		NT	81		W371	HIP	30-Sep-2008	N	N	N	N	7	N
1512		NT	75		W401	KNEE	30-Sep-2008	N	N	N	N	9	N
1513		WG	71		W401	KNEE	30-Sep-2008	N	N	N	N	3	N
1514		WG	78		W401	KNEE	30-Sep-2008	N	N	N	N	9	N
1515		WG	67		W401	KNEE	30-Sep-2008	N	N	N	N	2	N
1516		WG	63		W401	KNEE	30-Sep-2008	N	N	N	N	3	N
1517		WG	74		W371	HIP	30-Sep-2008	N	N	N	N	15	N
1518		HX	61		W371	HIP	30-Sep-2008	N	N	N	N	2	N
1519		HX	51		W381	HIP	30-Sep-2008	N	N	N	N	2	N
1520		HX	69		W401	KNEE	30-Sep-2008	N	N	N	N	3	N
1521		HX	70		W371	HIP	30-Sep-2008	N	N	N	N	3	N
1522		NT	74		W411	KNEE	01-Oct-2008	N	N	N	N	9	N
1523		WG	78		W401	KNEE	01-Oct-2008	N	N	N	N	2	N
1524		WG	72		W401	KNEE	01-Oct-2008	N	N	N	N	2	N
1525		WG	49		W401	KNEE	01-Oct-2008	N	N	N	N	2	N
1526		NT	69		W401	KNEE	01-Oct-2008	N	N	N	N	10	N
1527		NT	67		W401	KNEE	01-Oct-2008	N	N	N	N	7	N
1528		NT	74		W381	HIP	01-Oct-2008	N	N	N	N	10	N
1529		NT	72		W401	KNEE	01-Oct-2008	N	N	N	N	7	N
1530		HX	74		W371	HIP	01-Oct-2008	N	N	N	N	3	N
1531		WG	60		W401	KNEE	02-Oct-2008	N	N	N	N	5	N
1532		WG	75		W401	KNEE	02-Oct-2008	N	N	N	N	5	N
1533		NT	67		W401	KNEE	02-Oct-2008	N	N	N	N	5	N
1534		HX	55		W401	KNEE	02-Oct-2008	N	N	N	N	5	N
1535		WG	72		W401	KNEE	03-Oct-2008	N	N	N	N	3	N
1536		WG	58		W401	KNEE	03-Oct-2008	N	N	N	N	1	N
1537		WG	71		W401	KNEE	03-Oct-2008	N	N	N	N	12	N
1538		HX	70		W401	KNEE	03-Oct-2008	N	N	N	N	6	N
1539		WG	75		W401	KNEE	03-Oct-2008	N	N	N	N	8	N
1540		WG	84		W401	KNEE	03-Oct-2008	N	N	N	N	7	N
1541		HX	66		W401	KNEE	03-Oct-2008	N	N	N	N	3	N
1542		WG	69		W401	KNEE	06-Oct-2008	N	N	N	N	6	N
1543		WG	67		W401	KNEE	06-Oct-2008	N	N	N	N	3	N
1544		WG	75		W401	KNEE	06-Oct-2008	N	N	N	N	8	N
1545		WG	84		W371	HIP	06-Oct-2008	N	N	N	N	4	N
1546		HX	71		W401	KNEE	06-Oct-2008	N	N	N	N	3	N
1547		HX	81		W401	KNEE	06-Oct-2008	N	N	N	N	3	N
1548		NT	65		W401	KNEE	07-Oct-2008	N	N	N	N	6	N
1549		NT	70		W381	HIP	07-Oct-2008	N	N	N	N	7	N
1550		WG	69		W401	KNEE	07-Oct-2008	N	N	N	N	2	N
1551		WG	68		W401	KNEE	07-Oct-2008	N	N	N	N	2	N
1552		WG	53		W401	KNEE	07-Oct-2008	N	N	N	N	2	N
1553		NT	78		W401	KNEE	07-Oct-2008	N	N	N	N	7	N
1554		NT	69		W401	KNEE	08-Oct-2008	N	N	N	N	6	N
1555		NT	71		W401	KNEE	08-Oct-2008	N	N	N	N	7	N
1556		NT	61		W421	KNEE	08-Oct-2008	N	N	N	N	6	N
1557		NT	66		W381	HIP	08-Oct-2008	N	N	N	N	5	N
1558		WG	73		W401	KNEE	08-Oct-2008	N	N	N	N	5	N
1559		WG	70		W401	KNEE	08-Oct-2008	N	N	N	N	3	N
1560		WG	62		W371	HIP	09-Oct-2008	N	N	N	N	4	N
1561		WG	67		W401	KNEE	09-Oct-2008	N	N	N	N	4	N
1562		HX	69		W401	KNEE	09-Oct-2008	N	N	N	N	4	N
1563		HX	76		W401	KNEE	09-Oct-2008	N	N	N	N	3	N
1564		WG	57		W371	HIP	10-Oct-2008	N	N	N	N	3	N
1565		WG	78		W371	HIP	10-Oct-2008	N	N	N	N	6	N
1566		NT	64		W421	KNEE	10-Oct-2008	N	N	N	N	6	N
1567		WG	64		W371	HIP	10-Oct-2008	N	N	N	N	6	N
1568		NT	82		W401	KNEE	10-Oct-2008	N	N	N	N	9	N
1569		NT	72		W391	HIP	10-Oct-2008	N	N	N	N	4	N
1570		WG	69		W401	KNEE	10-Oct-2008	N	N	N	N	3	N
1571		HX	68		W381	HIP	10-Oct-2008	N	N	N	N	5	N
1572		HX	77		W401	KNEE	10-Oct-2008	N	N	N	N	4	N
1573		NT	66		W391	HIP	11-Oct-2008	N	N	N	N	5	N
1574		NT	78		W401	KNEE	11-Oct-2008	N	N	N	N	13	N
1575		HX	61		W401	KNEE	13-Oct-2008	N	N	N	N	4	N
1576		HX	69		W401	KNEE	13-Oct-2008	N	N	N	N	4	N
1577		HX	65		W381	HIP	13-Oct-2008	N	N	N	N	3	N
1578		HX	66		W401	KNEE	13-Oct-2008	N	N	N	N	5	N
1579		WG	68		W401	KNEE	13-Oct-2008	N	N	N	N	8	N
1580		WG	76		W401	KNEE	13-Oct-2008	N	N	N	N	4	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1493	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1494	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1495	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1496	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1497	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1498	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	3	0	Y	
1499	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1500	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1501	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1502	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	3	1	N	
1503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1504	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1505	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1507	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1508	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1509	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1510	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1511	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1512	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1513	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1514	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1515	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1516	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1517	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1518	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1520	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1521	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1522	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1523	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1524	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
1525	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1526	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
1527	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1532	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1533	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1535	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1537	N	N	Y	N	Y	N	N	N	N	Y	Y	N	N	N	#NULL!	0	Y	
1538	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1539	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1541	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1542	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
1543	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1544	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1545	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
1546	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1547	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
1548	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1550	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1553	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1554	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1560	N	N	Y	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
1561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1566	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
1567	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1568	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1570	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1571	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1572	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1573	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	1	N	
1574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1575	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	1	N	
1576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1579	Y	N	N	Y	N	Y	N	N	N	N	N	N	Y	N	#NULL!	0	Y	
1580	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1493	0							
1494	0							
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	BF	BG	BH
1493	N		
1494	N		
1495	N		
1496	N		
1497	N		
1498	N		
1499	N		
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1517	YES 07/10/08	Staph. Aureus	
1518	N		
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1579	N		
1580	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1581		WG	81		W401	KNEE	13-Oct-2008	N	N	N	N	18	N
1582		WG	67		W401	KNEE	14-Oct-2008	N	N	N	N	10	N
1583		WG	58		W371	HIP	14-Oct-2008	N	N	N	Y	3	N
1584		NT	76		W381	HIP	14-Oct-2008	N	N	N	N	6	N
1585		NT	66		W401	KNEE	14-Oct-2008	N	N	N	N	4	N
1586		NT	82		W401	KNEE	14-Oct-2008	N	N	N	N	5	N
1587		NT	75		W401	KNEE	14-Oct-2008	N	N	N	N	14	N
1588		WG	85		W401	KNEE	14-Oct-2008	N	N	N	N	17	N
1589		WG	58		W371	HIP	14-Oct-2008	N	N	N	N	6	N
1590		WG	77		W401	KNEE	15-Oct-2008	N	N	N	N	5	N
1591		WG	73		W401	KNEE	15-Oct-2008	N	N	N	N	13	N
1592		NT	70		W401	KNEE	15-Oct-2008	N	N	N	N	7	N
1593		WG	66		W401	KNEE	15-Oct-2008	N	N	N	N	2	N
1594		NT	63		W401	KNEE	16-Oct-2008	N	N	N	N	6	N
1595		HX	68		W371	HIP	16-Oct-2008	N	N	N	N	1	N
1596		WG	73		W401	KNEE	16-Oct-2008	N	N	N	N	2	N
1597		WG	73		W371	HIP	16-Oct-2008	N	N	N	N	3	N
1598		HX	77		W401	KNEE	16-Oct-2008	N	N	N	N	2	N
1599		HX	73		W381	HIP	16-Oct-2008	N	N	N	N	5	N
1600		HX	70		W401	KNEE	16-Oct-2008	N	N	N	N	5	N
1601		WG	74		W391	HIP	17-Oct-2008	N	N	N	N	3	N
1602		WG	59		W401	KNEE	17-Oct-2008	N	N	N	N	5	N
1603		HX	68		W401	KNEE	17-Oct-2008	N	N	N	N	5	N
1604		HX	81		W401	KNEE	17-Oct-2008	N	N	N	N	4	N
1605		HX	64		W381	HIP	17-Oct-2008	N	N	N	N	7	N
1606		HX	58		W401	KNEE	17-Oct-2008	N	N	N	N	5	N
1607		HX	57		W381	HIP	17-Oct-2008	N	N	N	N	4	N
1608		NT	80		W401	KNEE	18-Oct-2008	N	N	N	N	12	N
1609		NT	65		W401	KNEE	18-Oct-2008	N	N	N	N	4	N
1610		NT	72		W401	KNEE	20-Oct-2008	N	N	N	N	8	N
1611		HX	71		W371	HIP	20-Oct-2008	N	N	N	N	3	N
1612		HX	55		W381	HIP	20-Oct-2008	N	N	N	N	2	N
1613		WG	71		W401	KNEE	20-Oct-2008	N	N	N	N	2	N
1614		WG	74		W371	HIP	20-Oct-2008	N	N	N	N	3	N
1615		WG	68		W401	KNEE	20-Oct-2008	N	N	N	N	7	N
1616		WG	83		W371	HIP	20-Oct-2008	N	N	N	N	4	N
1617		HX	68		W371	HIP	21-Oct-2008	N	N	N	N	2	N
1618		NT	80		W401	KNEE	21-Oct-2008	N	N	N	N	9	N
1619		NT	80		W401	KNEE	21-Oct-2008	N	N	N	N	9	N
1620		NT	72		W381	HIP	21-Oct-2008	N	N	N	N	5	N
1621		NT	64		W381	HIP	21-Oct-2008	N	N	N	N	7	N
1622		NT	72		W401	KNEE	21-Oct-2008	N	N	N	N	10	N
1623		WG	70		W371	HIP	21-Oct-2008	N	N	N	N	3	N
1624		WG	84		W401	KNEE	21-Oct-2008	N	N	N	N	10	N
1625		WG	72		W401	KNEE	21-Oct-2008	N	N	N	N	2	N
1626		HX	67		W401	KNEE	21-Oct-2008	N	N	N	N	2	N
1627		HX	59		W401	KNEE	21-Oct-2008	N	N	N	N	2	N
1628		WG	61		W401	KNEE	21-Oct-2008	N	N	N	N	8	N
1629		WG	58		W371	HIP	21-Oct-2008	N	N	N	N	6	N
1630		WG	63		W401	KNEE	22-Oct-2008	N	N	N	N	3	N
1631		HX	63		W401	KNEE	22-Oct-2008	N	N	N	N	2	N
1632		NT	74		W401	KNEE	22-Oct-2008	N	N	N	N	7	N
1633		WG	73		W401	KNEE	22-Oct-2008	N	N	N	N	7	N
1634		HX	67		W401	KNEE	22-Oct-2008	N	N	N	N	2	N
1635		HX	61		W371	HIP	22-Oct-2008	N	N	N	N	2	N
1636		NT	71		W371	HIP	23-Oct-2008	N	N	N	N	7	N
1637		HX	80		W401	KNEE	23-Oct-2008	N	N	N	N	13	N
1638		WG	75		W401	KNEE	23-Oct-2008	N	N	N	N	4	N
1639		WG	86		W401	KNEE	24-Oct-2008	N	N	N	N	19	N
1640		HX	65		W401	KNEE	24-Oct-2008	N	N	N	N	3	N
1641		HX	54		W381	HIP	24-Oct-2008	N	N	N	N	4	N
1642		NT	75		W401	KNEE	25-Oct-2008	N	N	N	N	5	N
1643		NT	72		W381	HIP	25-Oct-2008	N	N	N	N	5	N
1644		WG	72		W401	KNEE	27-Oct-2008	N	N	N	N	2	N
1645		HX	75		W371	HIP	27-Oct-2008	N	N	N	N	4	N
1646		HX	54		W381	HIP	27-Oct-2008	N	N	N	N	4	N
1647		HX	67		W371	HIP	28-Oct-2008	N	N	N	N	3	N
1648		NT	79		W401	KNEE	28-Oct-2008	N	N	N	N	5	N
1649		NT	74		W401	KNEE	28-Oct-2008	N	N	N	N	5	N
1650		HX	76		W371	HIP	28-Oct-2008	N	N	N	N	3	N
1651		HX	80		W401	KNEE	28-Oct-2008	N	N	N	N	3	N
1652		HX	63		W401	KNEE	28-Oct-2008	N	N	N	N	3	N
1653		HX	50		W401	KNEE	28-Oct-2008	N	N	N	N	4	N
1654		WG	71		W371	HIP	28-Oct-2008	N	N	N	N	6	N
1655		WG	47		W401	KNEE	28-Oct-2008	N	N	N	N	2	N
1656		WG	69		W401	KNEE	28-Oct-2008	N	N	N	N	6	N
1657		NT	62		W381	HIP	29-Oct-2008	N	N	N	N	14	N
1658		HX	57		W371	HIP	29-Oct-2008	N	N	N	N	3	N
1659		HX	76		W401	KNEE	29-Oct-2008	N	N	N	N	3	N
1660		HX	70		W401	KNEE	29-Oct-2008	N	N	N	N	3	N
1661		HX	66		W371	HIP	30-Oct-2008	N	N	N	N	4	N
1662		NT	81		W371	HIP	30-Oct-2008	N	N	N	N	13	N
1663		HX	71		W401	KNEE	31-Oct-2008	N	N	N	N	5	N
1664		WG	59		W401	KNEE	31-Oct-2008	N	N	N	N	4	N
1665		HX	66		W401	KNEE	31-Oct-2008	N	N	N	N	5	N
1666		NT	71		W411	KNEE	01-Nov-2008	N	N	N	N	4	N
1667		NT	78		W401	KNEE	01-Nov-2008	N	N	N	N	6	N
1668		WG	60		W401	KNEE	03-Nov-2008	N	N	N	N	3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1581	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1586	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1587	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1591	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
1592	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1594	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1595	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1596	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1597	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1598	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1600	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
1605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1606	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1608	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
1609	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1614	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1615	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1616	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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1619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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1621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1622	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1624	N	N	N	N	N	N	N	Y	N	N	Y	N	N	N	N	N	N	N
1625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1629	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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1635	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1636	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1637	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1638	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1641	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1642	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1643	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1644	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
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1656	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
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1659	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1660	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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1662	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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1665	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1666	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1668	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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1582	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1586	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1587	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
1589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1590	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1591	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1592	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1600	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
1601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1604	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1611	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1633	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
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	BF	BG	BH
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1661	N		
1662	YES		
1663	N		
1664	N		
1665	N		
1666	N		
1667	N		
1668	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1669	WG	74			W401	KNEE	03-Nov-2008	N	N	N	N	2	N
1670	HX	80			W401	KNEE	03-Nov-2008	N	N	N	N	4	N
1671	HX	76			W371	HIP	03-Nov-2008	N	N	N	N	4	N
1672	WG	66			W401	KNEE	04-Nov-2008	N	N	N	N	3	N
1673	WG	66			W401	KNEE	05-Nov-2008	N	N	N	N	3	N
1674	NT	78			W401	KNEE	05-Nov-2008	N	N	N	N	10	N
1675	WG	63			W371	HIP	05-Nov-2008	N	N	N	N	2	N
1676	HX	65			W401	KNEE	05-Nov-2008	N	N	N	N	3	N
1677	HX	73			W381	HIP	05-Nov-2008	N	N	N	N	6	N
1678	WG	82			W401	KNEE	05-Nov-2008	N	N	N	N	7	N
1679	WG	37			W401	KNEE	05-Nov-2008	N	N	N	N	4	N
1680	NT	62			W401	KNEE	06-Nov-2008	N	N	N	N	5	N
1681	NT	65			W381	HIP	06-Nov-2008	N	N	N	N	7	N
1682	WG	63			W371	HIP	06-Nov-2008	N	N	N	N	4	N
1683	HX	66			W371	HIP	06-Nov-2008	N	N	N	N	7	N
1684	WG	81			W401	KNEE	07-Nov-2008	N	N	N	N	10	N
1685	NT	85			W401	KNEE	07-Nov-2008	N	N	N	N	7	N
1686	NT	73			W371	HIP	07-Nov-2008	N	N	N	N	5	N
1687	WG	44			W371	HIP	07-Nov-2008	N	N	N	N	2	N
1688	WG	63			W371	HIP	07-Nov-2008	N	N	N	N	0	N
1689	NT	74			W401	KNEE	07-Nov-2008	N	N	N	N	5	N
1690	HX	58			W401	KNEE	07-Nov-2008	N	N	N	N	3	N
1691	HX	79			W411	KNEE	07-Nov-2008	N	N	N	N	4	N
1692	NT	64			W381	HIP	08-Nov-2008	N	N	N	N	5	N
1693	NT	80			W401	KNEE	08-Nov-2008	N	N	N	N	6	N
1694	HX	73			W371	HIP	10-Nov-2008	N	N	N	N	5	N
1695	HX	87			W371	HIP	10-Nov-2008	N	N	N	N	3	N
1696	HX	73			W401	KNEE	10-Nov-2008	N	N	N	N	3	N
1697	HX	57			W401	KNEE	10-Nov-2008	N	N	N	N	3	N
1698	HX	61			W401	KNEE	10-Nov-2008	N	N	N	N	3	N
1699	NT	67			W401	KNEE	11-Nov-2008	N	N	N	N	4	N
1700	NT	60			W381	HIP	11-Nov-2008	N	N	N	N	4	N
1701	NT	75			W401	KNEE	11-Nov-2008	N	N	N	N	6	N
1702	NT	67			W401	KNEE	11-Nov-2008	N	N	N	N	9	N
1703	HX	80			W401	KNEE	11-Nov-2008	N	N	N	N	11	N
1704	WG	79			W371	HIP	11-Nov-2008	N	N	N	N	6	N
1705	WG	55			W371	HIP	11-Nov-2008	N	N	N	N	2	N
1706	WG	66			W401	KNEE	11-Nov-2008	N	N	N	N	6	N
1707	WG	58			W371	HIP	11-Nov-2008	N	N	N	N	7	N
1708	HX	58			W401	KNEE	11-Nov-2008	N	N	N	N	4	N
1709	HX	67			W371	HIP	11-Nov-2008	N	N	N	N	6	N
1710	NT	55			W381	HIP	12-Nov-2008	N	N	N	N	6	N
1711	NT	41			W381	HIP	12-Nov-2008	N	N	N	N	10	N
1712	NT	70			W401	KNEE	12-Nov-2008	N	N	N	N	7	N
1713	HX	63			W381	HIP	12-Nov-2008	N	N	N	N	4	N
1714	WG	65			W401	KNEE	12-Nov-2008	N	N	N	N	3	N
1715	HX	66			W371	HIP	12-Nov-2008	N	N	N	N	2	N
1716	HX	51			W371	HIP	12-Nov-2008	N	N	N	N	3	N
1717	NT	68			W401	KNEE	13-Nov-2008	N	N	N	N	5	N
1718	NT	75			W401	KNEE	13-Nov-2008	N	N	N	N	14	N
1719	WG	57			W371	HIP	13-Nov-2008	N	N	N	N	4	N
1720	WG	73			W371	HIP	13-Nov-2008	N	N	N	N	6	N
1721	HX	82			W371	HIP	13-Nov-2008	N	N	N	N	3	N
1722	HX	66			W401	KNEE	13-Nov-2008	N	N	N	N	4	N
1723	HX	66			W401	KNEE	13-Nov-2008	N	N	N	N	3	N
1724	NT	74			W401	KNEE	14-Nov-2008	N	N	N	N	8	N
1725	NT	76			W401	KNEE	14-Nov-2008	N	N	N	N	5	N
1726	WG	57			W371	HIP	14-Nov-2008	N	N	N	N	3	N
1727	WG	59			W371	HIP	14-Nov-2008	N	N	N	N	2	N
1728	WG	66			W401	KNEE	14-Nov-2008	N	N	N	N	3	N
1729	NT	70			W401	KNEE	15-Nov-2008	N	N	N	N	5	N
1730	NT	78			W401	KNEE	15-Nov-2008	N	N	N	N	8	N
1731	HX	71			W401	KNEE	18-Nov-2008	N	N	N	N	2	N
1732	WG	56			W371	HIP	18-Nov-2008	N	N	N	N	24	Y
1733	WG	86			W401	KNEE	18-Nov-2008	N	N	N	N	8	N
1734	WG	82			W401	KNEE	18-Nov-2008	N	N	N	N	10	N
1735	WG	70			W401	KNEE	18-Nov-2008	N	N	N	N	7	N
1736	WG	56			W371	HIP	18-Nov-2008	N	N	N	N	4	N
1737	HX	70			W401	KNEE	18-Nov-2008	N	N	N	N	2	N
1738	HX	71			W371	HIP	18-Nov-2008	N	N	N	N	3	N
1739	HX	74			W401	KNEE	18-Nov-2008	N	N	N	N	2	N
1740	WG	64			W401	KNEE	19-Nov-2008	N	N	N	N	5	N
1741	WG	71			W401	KNEE	19-Nov-2008	N	N	N	N	6	N
1742	NT	67			W381	HIP	19-Nov-2008	N	N	N	N	7	N
1743	NT	66			W401	KNEE	19-Nov-2008	N	N	N	N	7	N
1744	NT	72			W401	KNEE	19-Nov-2008	N	N	N	N	7	N
1745	NT	74			W401	KNEE	19-Nov-2008	N	N	N	N	6	N
1746	NI	68			W401	KNEE	19-Nov-2008	N	N	N	N	6	N
1747	HX	71			W371	HIP	19-Nov-2008	N	N	N	N	2	N
1748	HX	60			W381	HIP	19-Nov-2008	N	N	N	N	3	N
1749	HX	61			W381	HIP	20-Nov-2008	N	N	N	N	1	N
1750	WG	64			W401	KNEE	20-Nov-2008	N	N	N	N	7	N
1751	WG	74			W371	HIP	21-Nov-2008	N	N	N	N	6	N
1752	HX	76			W401	KNEE	21-Nov-2008	N	N	N	N	5	N
1753	WG	76			W371	HIP	21-Nov-2008	N	N	N	N	7	N
1754	WG	57			W401	KNEE	21-Nov-2008	N	N	N	N	3	N
1755	WG	78			W401	KNEE	21-Nov-2008	N	N	N	N	6	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AI	AV	AW
1669	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1670	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1671	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0	Y	0	N
1672	N	N	N	N	N	N	N	N	N	N	N	N	N	N	13	Y	0	N
1673	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1674	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	1	N	
1675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1676	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0	Y	0	N
1677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1678	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	0	Y	0	N
1679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1680	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1681	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1682	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1683	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
1684	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1685	Y	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1686	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
1687	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1688	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1689	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	#NULL!	1	N	
1690	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1691	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1692	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1693	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
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1699	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1700	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1701	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1702	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	5	Y	0	Y
1704	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1705	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1706	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1707	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1708	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
1709	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1710	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	0	Y	1	N
1711	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1712	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1713	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1714	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1715	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1716	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1717	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1718	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1719	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1720	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1721	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1723	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1724	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	Y	1	N
1725	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1726	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1727	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1728	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1729	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1730	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1731	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1732	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1733	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1734	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1735	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1736	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1737	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1738	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1740	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1741	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1742	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1743	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1744	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1745	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1746	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1747	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1748	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1750	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1751	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
1752	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1753	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1754	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1755	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1669	0							
1670	0							
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	BF	BG	BH
1669	N		
1670	N		
1671	N		
1672	YES 23/11/08	Staph. Aureus /MSSA	
1673	N		
1674	N		
1675	N		
1676	N		
1677	N		
1678	N		
1679	N		
1680	N		
1681	N		
1682	N		
1683	N		
1684	N		
1685	N		
1686	N		
1687	N		
1688	YES 21/11/08	Coag. Neg Staph	
1689	N		
1690	N		
1691	N		
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1726	N		
1727	N		
1728	N		
1729	N		
1730	N		
1731	N		
1732	YES 03/12/08 (not submitted on HPA)	Enterobacter Cloacae	
1733	N		
1734	N		
1735	N		
1736	N		
1737	N		
1738	N		
1739	N		
1740	N		
1741	N		
1742	N		
1743	N		
1744	N		
1745	N		
1746	N		
1747	N		
1748	N		
1749	N		
1750	N		
1751	N		
1752	N		
1753	N		
1754	N		
1755	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1756		HX	90		W401	KNEE	24-Nov-2008	N	N	N	N	4	N
1757		HX	61		W401	KNEE	24-Nov-2008	N	N	N	N	3	N
1758		HX	41		W371	HIP	24-Nov-2008	N	N	N	N	2	N
1759		HX	68		W401	KNEE	24-Nov-2008	N	N	N	N	5	N
1760		WG	68		W401	KNEE	24-Nov-2008	N	N	N	N	7	N
1761		WG	80		W401	KNEE	24-Nov-2008	N	N	N	N	4	N
1762		WG	55		W401	KNEE	24-Nov-2008	N	N	N	N	3	N
1763		HX	57		W401	KNEE	25-Nov-2008	N	N	N	N	3	N
1764		WG	77		W371	HIP	25-Nov-2008	N	N	N	N	4	N
1765		WG	75		W371	HIP	25-Nov-2008	N	N	N	N	4	N
1766		WG	71		W401	KNEE	25-Nov-2008	N	N	N	N	3	N
1767		WG	79		W371	HIP	25-Nov-2008	N	N	N	N	3	N
1768		WG	73		W401	KNEE	25-Nov-2008	N	N	N	N	3	N
1769		WG	75		W401	KNEE	25-Nov-2008	N	N	N	N	6	N
1770		HX	80		W371	HIP	25-Nov-2008	N	N	N	N	3	N
1771		NT	72		W401	KNEE	26-Nov-2008	N	N	N	N	7	N
1772		NT	66		W381	HIP	26-Nov-2008	N	N	N	N	4	N
1773		WG	84		W401	KNEE	26-Nov-2008	N	N	N	N	5	N
1774		HX	77		W371	HIP	26-Nov-2008	N	N	N	N	6	N
1775		NT	58		W401	KNEE	26-Nov-2008	N	N	N	N	6	N
1776		NT	87		W401	KNEE	26-Nov-2008	N	N	N	N	7	N
1777		HX	54		W381	HIP	27-Nov-2008	N	N	N	N	3	N
1778		HX	64		W401	KNEE	27-Nov-2008	N	N	N	N	2	N
1779		HX	80		W371	HIP	27-Nov-2008	N	N	N	N	15	N
1780		NT	70		W401	KNEE	28-Nov-2008	N	N	N	N	5	N
1781		NT	54		W401	KNEE	29-Nov-2008	N	N	N	N	5	N
1782		NT	84		W401	KNEE	29-Nov-2008	N	N	N	N	6	N
1783		NT	74		W401	KNEE	29-Nov-2008	N	N	N	N	4	N
1784		HX	87		W401	KNEE	01-Dec-2008	N	N	N	N	7	N
1785		WG	69		W401	KNEE	01-Dec-2008	N	N	N	N	2	N
1786		WG	80		W401	KNEE	01-Dec-2008	N	N	N	N	3	N
1787		HX	67		W401	KNEE	01-Dec-2008	N	N	N	N	3	N
1788		HX	76		W401	KNEE	01-Dec-2008	N	N	N	N	4	N
1789		HX	59		W371	HIP	01-Dec-2008	N	N	N	N	1	N
1790		HX	52		W401	KNEE	01-Dec-2008	N	N	N	N	1	N
1791		HX	66		W371	HIP	02-Dec-2008	N	N	N	N	3	N
1792		NT	83		W401	KNEE	02-Dec-2008	N	N	N	N	7	N
1793		HX	72		W401	KNEE	02-Dec-2008	N	N	N	N	3	N
1794		WG	76		W371	HIP	02-Dec-2008	N	N	N	N	4	N
1795		NT	78		W421	KNEE	03-Dec-2008	N	N	N	N	6	N
1796		NT	81		W401	KNEE	03-Dec-2008	N	N	N	N	16	N
1797		WG	65		W401	KNEE	03-Dec-2008	N	N	N	N	8	N
1798		WG	62		W401	KNEE	03-Dec-2008	N	N	N	N	6	N
1799		HX	68		W401	KNEE	03-Dec-2008	N	N	N	N	4	N
1800		HX	54		W371	HIP	03-Dec-2008	N	N	N	N	2	N
1801		HX	73		W371	HIP	03-Dec-2008	N	N	N	N	5	N
1802		NT	70		W401	KNEE	04-Dec-2008	N	N	N	N	9	N
1803		WG	61		W371	HIP	04-Dec-2008	N	N	N	N	5	N
1804		HX	54		W401	KNEE	05-Dec-2008	N	N	N	N	3	N
1805		HX	58		W401	KNEE	05-Dec-2008	N	N	N	N	3	N
1806		HX	59		W401	KNEE	05-Dec-2008	N	N	N	N	4	N
1807		HX	61		W371	HIP	08-Dec-2008	N	N	N	N	2	N
1808		HX	79		W401	KNEE	08-Dec-2008	N	N	N	N	2	N
1809		HX	68		W401	KNEE	08-Dec-2008	N	N	N	N	3	N
1810		HX	85		W401	KNEE	08-Dec-2008	N	N	N	N	2	N
1811		NT	71		W381	HIP	08-Dec-2008	N	N	N	N	5	N
1812		NT	80		W401	KNEE	09-Dec-2008	N	N	N	N	10	N
1813		WG	58		W401	KNEE	09-Dec-2008	N	N	N	N	6	N
1814		WG	70		W401	KNEE	09-Dec-2008	N	N	N	N	5	N
1815		WG	87		W401	KNEE	09-Dec-2008	N	N	N	N	6	N
1816		WG	48		W371	HIP	09-Dec-2008	N	N	N	N	8	N
1817		WG	74		W371	HIP	09-Dec-2008	N	N	N	N	4	N
1818		WG	72		W401	KNEE	09-Dec-2008	N	N	N	N	4	N
1819		NT	72		W381	HIP	09-Dec-2008	N	N	N	N	4	N
1820		WG	73		W371	HIP	09-Dec-2008	N	N	N	N	6	N
1821		WG	72		W401	KNEE	10-Dec-2008	N	N	N	N	2	N
1822		NT	73		W401	KNEE	10-Dec-2008	N	N	N	N	6	N
1823		WG	64		W411	KNEE	10-Dec-2008	N	N	N	N	2	N
1824		WG	59		W401	KNEE	10-Dec-2008	N	N	N	N	2	N
1825		HX	64		W371	HIP	10-Dec-2008	N	N	N	N	2	N
1826		HX	78		W401	KNEE	10-Dec-2008	N	N	N	N	5	N
1827		NT	56		W401	KNEE	10-Dec-2008	N	N	N	N	10	N
1828		WG	79		W371	HIP	11-Dec-2008	N	N	N	N	6	N
1829		WG	43		W401	KNEE	11-Dec-2008	N	N	N	N	3	N
1830		WG	72		W401	KNEE	11-Dec-2008	N	N	N	N	4	N
1831		WG	64		W401	KNEE	11-Dec-2008	N	N	N	N	4	N
1832		WG	73		W371	HIP	12-Dec-2008	N	N	N	N	5	N
1833		WG	73		W401	KNEE	12-Dec-2008	N	N	N	N	4	N
1834		HX	59		W401	KNEE	12-Dec-2008	N	N	N	N	1	N
1835		NT	53		W401	KNEE	13-Dec-2008	N	N	N	N	7	N
1836		NT	76		W381	HIP	13-Dec-2008	N	N	N	N	4	N
1837		WG	62		W371	HIP	15-Dec-2008	N	N	N	N	2	N
1838		WG	70		W401	KNEE	15-Dec-2008	N	N	N	N	4	N
1839		WG	69		W401	KNEE	15-Dec-2008	N	N	N	N	7	N
1840		WG	60		W401	KNEE	15-Dec-2008	N	N	N	N	2	N
1841		WG	78		W371	HIP	15-Dec-2008	N	N	N	N	8	N
1842		WG	68		W371	HIP	16-Dec-2008	N	N	N	N	3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1757	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1758	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1759	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1761	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1762	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1763	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1764	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1765	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1766	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1767	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1768	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1769	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
1770	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1771	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1772	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1773	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1776	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
1777	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1778	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1779	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1780	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1781	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1784	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1785	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1786	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1787	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1788	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1789	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1790	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1791	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1792	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1793	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1794	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1795	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1797	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1798	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
1799	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1808	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1809	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
1810	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1813	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1814	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1820	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1823	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1824	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1826	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1827	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1828	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1829	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1830	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1832	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1833	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1834	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1836	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1839	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1840	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1842	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
1756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1757	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1758	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1759	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1761	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1762	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1763	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1764	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1765	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1766	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1767	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1768	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1769	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1770	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1771	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1772	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1773	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1776	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1777	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1778	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1779	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1780	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1781	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1784	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	#NULL!	0	N	
1785	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1786	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1787	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1788	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1791	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1792	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1793	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1794	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1795	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	1	N	
1796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1797	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1798	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1799	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1801	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1802	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1807	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1808	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1810	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1813	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1814	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1820	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1822	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
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1825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1826	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1827	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1828	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	13	0	N	
1829	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
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1831	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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1834	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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1837	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1839	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1840	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1842	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1756	0							
1757	0							
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	BF	BG	BH
1756	N		
1757	N		
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1816	YES 19/12/08	Pasturella Multocida - classed as gram -ve bacteria	
1817	N		
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1819	N		
1820	N		
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1837	N		
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1839	N		
1840	N		
1841	N		
1842	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1843		HX	67		W371	HIP	16-Dec-2008	N	N	N	N	3	N
1844		HX	58		W371	HIP	16-Dec-2008	N	N	N	N	2	N
1845		NT	48		W381	HIP	16-Dec-2008	N	N	N	N	3	N
1846		NT	86		W421	KNEE	16-Dec-2008	N	N	N	N	21	N
1847		WG	72		W401	KNEE	16-Dec-2008	N	N	N	N	3	N
1848		HX	62		W401	KNEE	16-Dec-2008	N	N	N	N	2	N
1849		HX	50		W371	HIP	17-Dec-2008	N	N	N	N	2	N
1850		NT	71		W421	KNEE	17-Dec-2008	N	N	N	N	8	N
1851		NT	68		W381	HIP	17-Dec-2008	N	N	N	N	11	N
1852		WG	71		W371	HIP	17-Dec-2008	N	N	N	N	5	N
1853		NT	73		W371	HIP	18-Dec-2008	N	N	N	N	17	N
1854		WG	82		W371	HIP	18-Dec-2008	N	N	N	N	6	N
1855		WG	65		W371	HIP	18-Dec-2008	N	N	N	N	4	N
1856		NT	51		W381	HIP	18-Dec-2008	N	N	N	N	6	N
1857		WG	70		W371	HIP	18-Dec-2008	N	N	N	N	4	N
1858		NT	74		W421	KNEE	18-Dec-2008	N	N	N	N	8	N
1859		HX	67		W371	HIP	19-Dec-2008	N	N	N	N	5	N
1860		WG	80		W401	KNEE	19-Dec-2008	N	N	N	N	3	N
1861		NT	55		W401	KNEE	19-Dec-2008	N	N	N	N	5	N
1862		HX	69		W401	KNEE	19-Dec-2008	N	N	N	N	3	N
1863		HX	72		W401	KNEE	19-Dec-2008	N	N	N	N	5	N
1864		HX	57		W401	KNEE	19-Dec-2008	N	N	N	N	3	N
1865		WG	55		W371	HIP	20-Dec-2008	N	N	N	N	3	N
1866		WG	84		W371	HIP	20-Dec-2008	N	N	N	N	17	N
1867		NT	67		W381	HIP	20-Dec-2008	N	N	N	N	11	N
1868		NT	37		W401	KNEE	22-Dec-2008	N	N	N	N	6	N
1869		WG	67		W401	KNEE	22-Dec-2008	N	N	N	N	3	N
1870		WG	58		W381	HIP	22-Dec-2008	N	N	N	N	3	N
1871		WG	64		W401	KNEE	22-Dec-2008	N	N	N	N	2	N
1872		WG	82		W371	HIP	22-Dec-2008	N	N	N	N	2	N
1873		HX	43		W401	KNEE	23-Dec-2008	N	N	N	N	1	N
1874		WG	68		W381	HIP	29-Dec-2008	N	N	N	N	8	N
1875		HX	70		W401	KNEE	29-Dec-2008	N	N	N	N	1	N
1876		WG	84		W401	KNEE	29-Dec-2008	N	N	N	N	5	N
1877		WG	75		W401	KNEE	29-Dec-2008	N	N	N	N	5	N
1878		HX	72		W371	HIP	29-Dec-2008	N	N	N	N	2	N
1879		HX	60		W371	HIP	29-Dec-2008	N	N	N	N	2	N
1880		NT	67		W381	HIP	30-Dec-2008	N	N	N	N	6	N
1881		NT	63		W381	HIP	30-Dec-2008	N	N	N	N	7	N
1882		WG	77		W371	HIP	30-Dec-2008	N	N	N	N	7	N
1883		WG	55		W401	KNEE	30-Dec-2008	N	N	N	N	3	N
1884		WG	63		W401	KNEE	30-Dec-2008	N	N	N	N	4	N
1885		NT	81		W401	KNEE	30-Dec-2008	N	N	N	N	8	N
1886		NT	81		W401	KNEE	30-Dec-2008	N	N	N	N	10	N
1887		WG	72		W371	HIP	30-Dec-2008	N	N	N	N	5	N
1888		WG	59		W401	KNEE	30-Dec-2008	N	N	N	N	2	N
1889		NT	62		W381	HIP	31-Dec-2008	N	N	N	N	6	N
1890		WG	66		W401	KNEE	31-Dec-2008	N	N	N	N	4	N
1891		WG	72		W371	HIP	02-Jan-2009	N	N	N	N	3	N
1892		NT	55		W401	KNEE	02-Jan-2009	N	N	N	N	6	N
1893		NT	65		W381	HIP	02-Jan-2009	N	N	N	N	6	N
1894		WG	64		W371	HIP	02-Jan-2009	N	N	N	N	14	Y
1895		HX	64		W381	HIP	02-Jan-2009	N	N	N	N	3	N
1896		HX	62		W401	KNEE	02-Jan-2009	N	N	N	N	4	N
1897		WG	54		W401	KNEE	02-Jan-2009	N	N	N	N	4	N
1898		WG	81		W401	KNEE	02-Jan-2009	N	N	N	N	4	N
1899		HX	81		W401	KNEE	02-Jan-2009	N	N	N	N	4	N
1900		WG	62		W401	KNEE	05-Jan-2009	N	N	N	N	3	N
1901		WG	69		W401	KNEE	05-Jan-2009	N	N	N	N	7	N
1902		HX	65		W371	HIP	05-Jan-2009	N	N	N	N	3	N
1903		HX	71		W401	KNEE	05-Jan-2009	N	N	N	N	3	N
1904		HX	69		W371	HIP	05-Jan-2009	N	N	N	N	4	N
1905		HX	79		W371	HIP	05-Jan-2009	N	N	N	N	5	N
1906		NT	69		W401	KNEE	06-Jan-2009	N	N	N	N	8	N
1907		NT	53		W401	KNEE	06-Jan-2009	N	N	N	N	18	Y
1908		NT	58		W401	KNEE	06-Jan-2009	N	N	N	N	5	N
1909		NT	84		W371	HIP	06-Jan-2009	N	N	N	N	12	N
1910		NT	86		W401	KNEE	06-Jan-2009	N	N	N	N	10	N
1911		WG	71		W401	KNEE	06-Jan-2009	N	N	N	N	3	N
1912		HX	59		W371	HIP	06-Jan-2009	N	N	N	N	2	N
1913		WG	60		W401	KNEE	06-Jan-2009	N	N	N	N	3	N
1914		WG	74		W401	KNEE	07-Jan-2009	N	N	N	N	8	N
1915		NT	61		W381	HIP	07-Jan-2009	N	N	N	N	6	N
1916		WG	74		W401	KNEE	07-Jan-2009	N	N	N	N	5	N
1917		HX	68		W381	HIP	07-Jan-2009	N	N	N	N	3	N
1918		HX	74		W381	HIP	07-Jan-2009	N	N	N	N	3	N
1919		HX	81		W371	HIP	07-Jan-2009	N	N	N	N	1	N
1920		HX	73		W401	KNEE	07-Jan-2009	N	N	N	N	7	N
1921		WG	65		W401	KNEE	08-Jan-2009	N	N	N	N	4	N
1922		WG	81		W401	KNEE	08-Jan-2009	N	N	N	N	5	N
1923		NT	72		W401	KNEE	08-Jan-2009	N	N	N	N	6	N
1924		WG	66		W371	HIP	08-Jan-2009	N	N	N	N	3	N
1925		WG	62		W371	HIP	08-Jan-2009	N	N	N	N	3	N
1926		WG	62		W401	KNEE	08-Jan-2009	N	N	N	N	4	N
1927		HX	68		W401	KNEE	08-Jan-2009	N	N	N	N	5	N
1928		HX	80		W401	KNEE	08-Jan-2009	N	N	N	N	3	N
1929		HX	68		W401	KNEE	08-Jan-2009	N	N	N	N	4	N
1930		WG	72		W401	KNEE	09-Jan-2009	N	N	N	N	3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1843	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1845	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1846	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1847	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1848	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1849	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1850	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1863	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1854	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
1855	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
1856	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1857	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1858	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	Y	N
1859	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1860	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1862	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1863	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1864	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1865	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1866	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	Y
1867	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1868	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1869	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1870	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1871	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1872	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1873	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1874	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1875	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1876	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1877	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1878	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1880	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1881	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1882	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1883	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1884	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1885	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1886	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1887	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1888	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1889	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1890	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1891	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1892	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1893	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1894	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1895	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1896	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
1897	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1898	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1899	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1900	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1901	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1902	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1904	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1905	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1906	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1907	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1908	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1909	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1910	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1911	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1913	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1914	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1915	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1916	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1919	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1920	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1921	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1922	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1923	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
1924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1928	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1929	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1930	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1843	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
1844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1845	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1846	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1847	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1848	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1849	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1850	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1853	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	16	N	
1854	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1855	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1856	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1857	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	0	0	N	
1858	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1859	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1860	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1862	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1863	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
1864	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1865	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	1	N	
1866	Y	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1867	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1868	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1869	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1870	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1871	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1872	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1873	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1874	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
1875	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	20	0	N	
1876	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	10	1	N	
1877	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1878	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1880	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1881	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1882	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1883	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1884	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
1885	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1886	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1887	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1888	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1889	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1890	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1891	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	12	0	N	
1892	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1893	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1894	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1895	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1896	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1897	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1898	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1899	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1900	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1901	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1902	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1904	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1905	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1906	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1907	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1908	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1909	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1910	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
1911	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1913	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1914	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1915	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1916	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1919	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1921	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1922	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
1923	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1928	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1929	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1930	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1843	0							
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1927	0							
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1929	0							
1930	0							

	BF	BG	BH
1843	N		
1844	N		
1845	N		
1846	N		
1847	N		
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1849	N		
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1874	N		
1875	YES	Group B Streptococcus	
1876	N		
1877	N		
1878	N		
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1886	N		
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1890	N		
1891	YES 16/01/09	Coag neg Staph.	
1892	N		
1893	N		
1894	N		
1895	N		
1896	N		
1897	N		
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1917	N		
1918	N		
1919	N		
1920	YES	Coag neg Staph.	
1921	N		
1922	N		
1923	N		
1924	N		
1925	N		
1926	N		
1927	N		
1928	N		
1929	N		
1930	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
1931		WG	55		W371	HIP	09-Jan-2009	N	N	N	N	5	N
1932		WG	57		W401	KNEE	09-Jan-2009	N	N	N	N	4	N
1933		HX	62		W401	KNEE	09-Jan-2009	N	N	N	N	4	N
1934		HX	67		W391	HIP	09-Jan-2009	N	N	N	N	5	N
1935		NT	75		W391	HIP	10-Jan-2009	N	N	N	N	12	N
1936		NT	71		W381	HIP	10-Jan-2009	N	N	N	N	19	N
1937		WG	75		W401	KNEE	12-Jan-2009	N	N	N	N	11	N
1938		HX	71		W401	KNEE	12-Jan-2009	N	N	N	N	4	N
1939		HX	54		W401	KNEE	12-Jan-2009	N	N	N	N	2	N
1940		HX	77		W371	HIP	12-Jan-2009	N	N	N	N	2	N
1941		HX	78		W371	HIP	13-Jan-2009	N	N	N	N	7	N
1942		NT	70		W381	HIP	13-Jan-2009	N	N	N	N	7	N
1943		NT	60		W401	KNEE	13-Jan-2009	N	N	N	N	5	N
1944		NT	77		W401	KNEE	13-Jan-2009	N	N	N	N	8	N
1945		NT	67		W401	KNEE	13-Jan-2009	N	N	N	N	9	N
1946		NT	57		W401	KNEE	13-Jan-2009	N	N	N	N	5	N
1947		WG	56		W381	HIP	13-Jan-2009	N	N	N	N	6	N
1948		WG	51		W371	HIP	13-Jan-2009	N	N	N	N	3	N
1949		WG	73		W371	HIP	13-Jan-2009	N	N	N	N	8	N
1950		WG	87		W371	HIP	13-Jan-2009	N	N	N	N	16	N
1951		HX	74		W371	HIP	13-Jan-2009	N	N	N	N	6	N
1952		HX	53		W401	KNEE	13-Jan-2009	N	N	N	N	3	N
1953		HX	63		W371	HIP	13-Jan-2009	N	N	N	N	2	N
1954		NT	70		W401	KNEE	14-Jan-2009	N	N	N	N	7	N
1955		NT	73		W401	KNEE	14-Jan-2009	N	N	N	N	8	N
1956		HX	70		W371	HIP	15-Jan-2009	N	N	N	N	4	N
1957		HX	68		W401	KNEE	15-Jan-2009	N	N	N	N	4	N
1958		HX	58		W381	HIP	15-Jan-2009	N	N	N	N	4	N
1959		WG	82		W371	HIP	15-Jan-2009	N	N	N	N	11	N
1960		WG	76		W371	HIP	15-Jan-2009	N	N	N	N	6	N
1961		HX	66		W381	HIP	16-Jan-2009	N	N	N	N	4	N
1962		WG	55		W401	KNEE	19-Jan-2009	N	N	N	N	4	N
1963		WG	69		W401	KNEE	19-Jan-2009	N	N	N	N	3	N
1964		HX	83		W401	KNEE	19-Jan-2009	N	N	N	N	4	N
1965		NT	58		W401	KNEE	19-Jan-2009	N	N	N	N	6	N
1966		WG	72		W401	KNEE	20-Jan-2009	N	N	N	N	4	N
1967		NT	60		W401	KNEE	20-Jan-2009	N	N	N	N	8	N
1968		NT	64		W401	KNEE	21-Jan-2009	N	N	N	N	7	N
1969		NT	72		W401	KNEE	21-Jan-2009	N	N	N	N	8	N
1970		WG	64		W401	KNEE	21-Jan-2009	N	N	N	N	13	N
1971		HX	58		W371	HIP	22-Jan-2009	N	N	N	N	3	N
1972		NT	51		W401	KNEE	22-Jan-2009	N	N	N	N	6	N
1973		WG	51		W401	KNEE	22-Jan-2009	N	N	N	N	4	N
1974		NT	83		W401	KNEE	22-Jan-2009	N	N	N	N	6	N
1975		HX	78		W401	KNEE	22-Jan-2009	N	N	N	N	5	N
1976		HX	65		W401	KNEE	22-Jan-2009	N	N	N	N	4	N
1977		WG	61		W371	HIP	22-Jan-2009	N	N	N	N	2	N
1978		NT	75		W401	KNEE	23-Jan-2009	N	N	N	N	7	N
1979		NT	86		W371	HIP	23-Jan-2009	N	N	N	N	14	N
1980		WG	65		W401	KNEE	23-Jan-2009	N	N	N	N	3	N
1981		WG	64		W371	HIP	23-Jan-2009	N	N	N	N	2	N
1982		WG	84		W401	KNEE	26-Jan-2009	N	N	N	N	3	N
1983		WG	65		W401	KNEE	26-Jan-2009	N	N	N	N	2	N
1984		HX	64		W401	KNEE	26-Jan-2009	N	N	N	N	3	N
1985		WG	74		W371	HIP	27-Jan-2009	N	N	N	N	3	N
1986		WG	61		W371	HIP	27-Jan-2009	N	N	N	N	2	N
1987		HX	74		W371	HIP	27-Jan-2009	N	N	N	N	4	N
1988		HX	64		W401	KNEE	27-Jan-2009	N	N	N	N	2	N
1989		HX	55		W401	KNEE	27-Jan-2009	N	N	N	N	3	N
1990		NT	82		W401	KNEE	28-Jan-2009	N	N	N	N	7	N
1991		NT	69		W401	KNEE	28-Jan-2009	N	N	N	N	8	N
1992		NT	69		W371	HIP	28-Jan-2009	N	N	N	N	10	N
1993		NT	70		W381	HIP	28-Jan-2009	N	N	N	N	6	N
1994		HX	59		W371	HIP	28-Jan-2009	N	N	N	N	1	N
1995		HX	56		W371	HIP	28-Jan-2009	N	N	N	N	3	N
1996		NT	63		W401	KNEE	29-Jan-2009	N	N	N	N	7	N
1997		HX	69		W401	KNEE	29-Jan-2009	N	N	N	N	2	N
1998		HX	74		W401	KNEE	29-Jan-2009	N	N	N	N	7	N
1999		HX	78		W371	HIP	29-Jan-2009	N	N	N	N	10	N
2000		HX	63		W401	KNEE	29-Jan-2009	N	N	N	N	3	N
2001		NT	49		W401	KNEE	29-Jan-2009	N	N	N	N	4	N
2002		WG	77		W371	HIP	30-Jan-2009	N	N	N	N	5	N
2003		WG	68		W401	KNEE	30-Jan-2009	N	N	N	N	10	N
2004		WG	74		W401	KNEE	30-Jan-2009	N	N	N	N	4	N
2005		NT	73		W381	HIP	30-Jan-2009	N	N	N	N	7	N
2006		NT	82		W381	HIP	30-Jan-2009	N	N	N	N	18	N
2007		HX	60		W401	KNEE	30-Jan-2009	N	N	N	N	4	N
2008		HX	77		W371	HIP	30-Jan-2009	N	N	N	N	3	N
2009		HX	69		W401	KNEE	30-Jan-2009	N	N	N	N	5	N
2010		HX	61		W381	HIP	30-Jan-2009	N	N	N	N	3	N
2011		WG	67		W401	KNEE	02-Feb-2009	N	N	N	N	3	N
2012		HX	59		W401	KNEE	02-Feb-2009	N	N	N	N	1	N
2013		HX	67		W401	KNEE	02-Feb-2009	N	N	N	N	4	N
2014		HX	68		W401	KNEE	02-Feb-2009	N	N	N	N	2	N
2015		WG	63		W371	HIP	02-Feb-2009	N	N	N	N	3	N
2016		NT	66		W381	HIP	03-Feb-2009	N	N	N	N	7	N
2017		NT	79		W401	KNEE	03-Feb-2009	N	N	N	N	11	N
2018		WG	67		W401	KNEE	03-Feb-2009	N	N	N	N	2	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
1931	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1932	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1933	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1934	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1935	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1936	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	Y	N
1937	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1938	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1941	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1942	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1943	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1944	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1945	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
1946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1947	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1948	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1949	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
1955	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	Y	Y
1956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1959	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
1960	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N
1961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1962	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1965	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1968	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1969	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
1973	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1974	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
1975	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1979	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	Y	Y	N
1980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1981	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1982	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1984	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
1985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
1987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1993	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1995	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
1997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1998	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
1999	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	N	N
2000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2002	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2003	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	N	Y
2004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2005	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2006	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
2007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2015	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2016	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2017	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2018	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1931	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0	0	N	
1932	N	N	N	Y	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1933	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1934	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1935	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
1936	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	Y	
1937	N	N	Y	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1938	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1941	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1942	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1943	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1944	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1946	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
1947	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1948	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1949	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
1950	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1954	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1955	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1959	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1962	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1964	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1965	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1968	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	0	1	N	
1969	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
1970	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1973	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1974	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1975	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1978	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	1	N	
1979	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	75	1	N	
1980	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
1981	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1982	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1983	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1984	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1985	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
1986	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1989	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
1990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1993	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1995	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
1997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
1998	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	0	N	
1999	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2002	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	0	1	N	
2003	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2005	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
2006	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2009	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2015	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2016	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2017	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
2018	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
1931	0							
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1937	0							
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2016	0							
2017	0							
2018	0							

	BF	BG	BH
1931	N		
1932	N		
1933	N		
1934	N		
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2010	N		
2011	N		
2012	N		
2013	N		
2014	N		
2015	N		
2016	N		
2017	N		
2018	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2019		HX	61		W401	KNEE	03-Feb-2009	N	N	N	N	5	N
2020		HX	68		W401	KNEE	03-Feb-2009	N	N	N	N	5	N
2021		NT	72		W381	HIP	03-Feb-2009	N	N	N	N	7	N
2022		NT	64		W381	HIP	03-Feb-2009	N	N	N	N	7	N
2023		NT	77		W401	KNEE	04-Feb-2009	N	N	N	N	8	N
2024		NT	79		W371	HIP	04-Feb-2009	N	N	N	N	9	N
2025		NT	75		W401	KNEE	05-Feb-2009	N	N	N	N	6	N
2026		HX	60		W401	KNEE	05-Feb-2009	N	N	N	N	3	N
2027		WG	50		W371	HIP	06-Feb-2009	N	N	N	N	4	N
2028		NT	66		W401	KNEE	06-Feb-2009	N	N	N	N	6	N
2029		HX	54		W381	HIP	06-Feb-2009	N	N	N	N	4	N
2030		WG	82		W401	KNEE	06-Feb-2009	N	N	N	N	3	N
2031		NT	56		W381	HIP	07-Feb-2009	N	N	N	N	4	N
2032		NT	61		W401	KNEE	07-Feb-2009	N	N	N	N	5	N
2033		WG	72		W371	HIP	09-Feb-2009	N	N	N	N	4	N
2034		WG	82		W401	KNEE	09-Feb-2009	N	N	N	Y	14	N
2035		NT	74		W381	HIP	09-Feb-2009	N	N	N	N	9	N
2036		HX	78		W401	KNEE	09-Feb-2009	N	N	N	N	6	N
2037		HX	72		W401	KNEE	09-Feb-2009	N	N	N	N	4	N
2038		HX	68		W401	KNEE	09-Feb-2009	N	N	N	N	6	N
2039		NT	79		W371	HIP	10-Feb-2009	N	N	N	N	8	N
2040		NT	59		W401	KNEE	10-Feb-2009	N	N	N	N	6	N
2041		WG	68		W371	HIP	10-Feb-2009	N	N	N	N	6	N
2042		WG	62		W401	KNEE	10-Feb-2009	N	N	N	N	4	N
2043		NT	70		W381	HIP	11-Feb-2009	N	N	N	N	6	N
2044		NT	71		W401	KNEE	11-Feb-2009	N	N	N	N	7	N
2045		HX	72		W371	HIP	11-Feb-2009	N	N	N	N	3	N
2046		NT	63		W401	KNEE	12-Feb-2009	N	N	N	N	8	N
2047		HX	71		W371	HIP	12-Feb-2009	N	N	N	N	4	N
2048		HX	67		W371	HIP	12-Feb-2009	N	N	N	N	5	N
2049		HX	79		W401	KNEE	12-Feb-2009	N	N	N	N	5	N
2050		WG	75		W371	HIP	12-Feb-2009	N	N	N	N	11	N
2051		WG	75		W411	KNEE	13-Feb-2009	N	N	N	N	6	N
2052		NT	70		W401	KNEE	13-Feb-2009	N	N	N	N	7	N
2053		NT	82		W401	KNEE	13-Feb-2009	N	N	N	N	6	N
2054		HX	64		W381	HIP	13-Feb-2009	N	N	N	N	4	N
2055		HX	79		W371	HIP	13-Feb-2009	N	N	N	N	4	N
2056		NT	75		W381	HIP	14-Feb-2009	N	N	N	N	9	N
2057		NT	53		W381	HIP	14-Feb-2009	N	N	N	N	11	N
2058		WG	64		W401	KNEE	16-Feb-2009	N	N	N	N	2	N
2059		WG	78		W371	HIP	16-Feb-2009	N	N	N	N	5	N
2060		WG	74		W371	HIP	16-Feb-2009	N	N	N	N	3	N
2061		NT	65		W381	HIP	16-Feb-2009	N	N	N	N	6	N
2062		HX	74		W401	KNEE	16-Feb-2009	N	N	N	N	7	N
2063		NT	65		W381	HIP	17-Feb-2009	N	N	N	N	7	N
2064		WG	73		W371	HIP	17-Feb-2009	N	N	N	N	8	N
2065		WG	55		W401	KNEE	17-Feb-2009	N	N	N	N	3	N
2066		HX	70		W371	HIP	17-Feb-2009	N	N	N	N	3	N
2067		WG	71		W401	KNEE	18-Feb-2009	N	N	N	N	5	N
2068		WG	80		W421	KNEE	18-Feb-2009	N	N	N	N	7	N
2069		NT	61		W381	HIP	18-Feb-2009	N	N	N	N	6	N
2070		NT	77		W371	HIP	18-Feb-2009	N	N	N	N	6	N
2071		NT	71		W381	HIP	18-Feb-2009	N	N	N	N	6	N
2072		NT	83		W401	KNEE	18-Feb-2009	N	N	N	N	9	N
2073		NT	84		W401	KNEE	18-Feb-2009	N	N	N	N	6	N
2074		WG	57		W401	KNEE	18-Feb-2009	N	N	N	N	3	N
2075		WG	80		W401	KNEE	19-Feb-2009	N	N	N	N	4	N
2076		NT	77		W401	KNEE	19-Feb-2009	N	N	N	N	8	N
2077		WG	79		W371	HIP	19-Feb-2009	N	N	N	N	7	N
2078		WG	58		W401	KNEE	19-Feb-2009	N	N	N	N	4	N
2079		HX	67		W381	HIP	19-Feb-2009	N	N	N	N	5	N
2080		HX	70		W371	HIP	19-Feb-2009	N	N	N	N	4	N
2081		WG	73		W401	KNEE	20-Feb-2009	N	N	N	N	5	N
2082		WG	64		W401	KNEE	20-Feb-2009	N	N	N	N	3	N
2083		HX	69		W381	HIP	20-Feb-2009	N	N	N	N	5	N
2084		NT	63		W381	HIP	21-Feb-2009	N	N	N	N	8	N
2085		WG	61		W371	HIP	23-Feb-2009	N	N	N	N	1	N
2086		WG	66		W371	HIP	23-Feb-2009	N	N	N	N	17	N
2087		WG	52		W401	KNEE	23-Feb-2009	N	N	N	N	4	N
2088		WG	73		W401	KNEE	23-Feb-2009	N	N	N	N	4	N
2089		HX	70		W401	KNEE	23-Feb-2009	N	N	N	N	2	N
2090		HX	63		W371	HIP	23-Feb-2009	N	N	N	N	3	N
2091		HX	79		W401	KNEE	23-Feb-2009	N	N	N	N	5	N
2092		WG	68		W401	KNEE	24-Feb-2009	N	N	N	N	3	N
2093		WG	65		W371	HIP	24-Feb-2009	N	N	N	N	3	N
2094		HX	65		W401	KNEE	24-Feb-2009	N	N	N	N	3	N
2095		HX	69		W401	KNEE	24-Feb-2009	N	N	N	N	2	N
2096		WG	50		W401	KNEE	25-Feb-2009	N	N	N	N	3	N
2097		WG	70		W401	KNEE	25-Feb-2009	N	N	N	N	2	N
2098		HX	54		W371	HIP	25-Feb-2009	N	N	N	N	2	N
2099		HX	71		W401	KNEE	25-Feb-2009	N	N	N	N	4	N
2100		WG	53		W401	KNEE	26-Feb-2009	N	N	N	N	4	N
2101		HX	53		W371	HIP	26-Feb-2009	N	N	N	N	1	N
2102		HX	82		W401	KNEE	26-Feb-2009	N	N	N	N	4	N
2103		WG	51		W371	HIP	27-Feb-2009	N	N	N	N	3	N
2104		WG	66		W401	KNEE	27-Feb-2009	N	N	N	N	3	N
2105		WG	69		W401	KNEE	27-Feb-2009	N	N	N	N	3	N
2106		WG	60		W401	KNEE	27-Feb-2009	N	N	N	N	3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2019	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2020	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2021	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2022	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2023	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
2024	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2025	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2026	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2027	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2028	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2029	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2030	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2031	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2032	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2033	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2034	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	63	0	Y	
2035	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2037	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2038	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2040	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2041	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2042	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2043	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2044	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2045	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2046	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2047	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2048	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2049	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2050	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2051	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2052	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2053	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2054	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2055	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2056	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
2057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2059	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2060	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2061	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2064	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2065	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2067	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2068	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2071	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2073	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2074	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2075	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2076	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	1	N	
2077	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2078	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2079	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2080	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2081	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2082	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2083	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2084	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2085	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2086	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2087	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2088	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2089	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2091	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2092	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2096	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2099	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2100	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2101	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2102	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2103	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2105	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2106	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
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2020	0							
2021	0							
2022	0							
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2105	0							
2106	0							

	BF	BG	BH
2019	N		
2020	N		
2021	N		
2022	N		
2023	N		
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2099	N		
2100	N		
2101	N		
2102	N		
2103	N		
2104	N		
2105	N		
2106	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2107		HX	67		W401	KNEE	27-Feb-2009	N	N	N	N	4	N
2108		WG	75		W371	HIP	02-Mar-2009	N	N	N	N	12	N
2109		WG	72		W401	KNEE	02-Mar-2009	N	N	N	N	2	N
2110		WG	64		W401	KNEE	02-Mar-2009	N	N	N	N	1	N
2111		HX	58		W401	KNEE	02-Mar-2009	N	N	N	N	3	N
2112		HX	73		W401	KNEE	02-Mar-2009	N	N	N	N	1	N
2113		HX	83		W401	KNEE	02-Mar-2009	N	N	N	N	7	N
2114		HX	73		W401	KNEE	02-Mar-2009	N	N	N	N	3	N
2115		HX	79		W371	HIP	02-Mar-2009	N	N	N	N	3	N
2116		NT	63		W381	HIP	02-Mar-2009	N	N	N	N	4	N
2117		WG	72		W411	KNEE	02-Mar-2009	N	N	N	N	4	N
2118		WG	62		W401	KNEE	03-Mar-2009	N	N	N	N	3	N
2119		WG	69		W401	KNEE	03-Mar-2009	N	N	N	N	4	N
2120		NT	72		W401	KNEE	03-Mar-2009	N	N	N	N	6	N
2121		NT	71		W401	KNEE	03-Mar-2009	N	N	N	N	10	N
2122		HX	67		W401	KNEE	03-Mar-2009	N	N	N	N	3	N
2123		WG	59		W371	HIP	03-Mar-2009	N	N	N	N	3	N
2124		HX	62		W371	HIP	03-Mar-2009	N	N	N	N	3	N
2125		HX	80		W371	HIP	03-Mar-2009	N	N	N	N	7	N
2126		WG	62		W371	HIP	04-Mar-2009	N	N	N	N	2	N
2127		NT	66		W401	KNEE	04-Mar-2009	N	N	N	N	5	N
2128		NT	61		W381	HIP	04-Mar-2009	N	N	N	N	7	N
2129		WG	62		W371	HIP	04-Mar-2009	N	N	N	N	8	N
2130		WG	65		W401	KNEE	04-Mar-2009	N	N	N	N	2	N
2131		WG	57		W371	HIP	05-Mar-2009	N	N	N	N	3	N
2132		NT	79		W381	HIP	05-Mar-2009	N	N	N	N	12	N
2133		NT	67		W381	HIP	05-Mar-2009	N	N	N	N	6	N
2134		NT	78		W401	KNEE	05-Mar-2009	N	N	N	N	9	N
2135		WG	71		W371	HIP	05-Mar-2009	N	N	N	N	43	N
2136		WG	64		W401	KNEE	06-Mar-2009	N	N	N	N	2	N
2137		WG	62		W371	HIP	06-Mar-2009	N	N	N	N	4	N
2138		NT	51		W381	HIP	07-Mar-2009	N	N	N	N	5	N
2139		WG	85		W401	KNEE	09-Mar-2009	N	N	N	N	7	N
2140		WG	78		W371	HIP	09-Mar-2009	N	N	N	N	2	N
2141		NT	75		W401	KNEE	09-Mar-2009	N	N	N	N	6	N
2142		WG	70		W401	KNEE	09-Mar-2009	N	N	N	N	3	N
2143		HX	69		W401	KNEE	09-Mar-2009	N	N	N	N	2	N
2144		NT	78		W371	HIP	09-Mar-2009	N	N	N	N	8	N
2145		WG	53		W401	KNEE	10-Mar-2009	N	N	N	N	3	N
2146		WG	38		W371	HIP	10-Mar-2009	N	N	N	N	2	N
2147		WG	86		W401	KNEE	10-Mar-2009	N	N	N	N	2	N
2148		NT	62		W381	HIP	10-Mar-2009	N	N	N	N	5	N
2149		NT	85		W401	KNEE	10-Mar-2009	N	N	N	N	12	N
2150		NT	71		W401	KNEE	10-Mar-2009	N	N	N	N	8	N
2151		WG	80		W401	KNEE	10-Mar-2009	N	N	N	N	20	N
2152		WG	44		W401	KNEE	10-Mar-2009	N	N	N	N	2	N
2153		WG	87		W401	KNEE	10-Mar-2009	N	N	N	N	10	N
2154		HX	72		W401	KNEE	10-Mar-2009	N	N	N	N	2	N
2155		WG	59		W401	KNEE	11-Mar-2009	N	N	N	N	1	N
2156		WG	54		W401	KNEE	11-Mar-2009	N	N	N	N	6	N
2157		NT	73		W401	KNEE	11-Mar-2009	N	N	N	N	6	N
2158		NT	67		W401	KNEE	11-Mar-2009	N	N	N	N	7	N
2159		HX	80		W401	KNEE	11-Mar-2009	N	N	N	N	7	N
2160		NT	76		W401	KNEE	11-Mar-2009	N	N	N	N	13	N
2161		NT	80		W371	HIP	11-Mar-2009	N	N	N	N	25	N
2162		HX	47		W401	KNEE	12-Mar-2009	N	N	N	N	5	N
2163		NT	70		W381	HIP	12-Mar-2009	N	N	N	N	8	N
2164		HX	62		W381	HIP	12-Mar-2009	N	N	N	N	4	N
2165		HX	73		W401	KNEE	12-Mar-2009	N	N	N	N	7	N
2166		HX	61		W371	HIP	12-Mar-2009	N	N	N	N	3	N
2167		WG	80		W401	KNEE	13-Mar-2009	N	N	N	N	10	N
2168		HX	65		W401	KNEE	13-Mar-2009	N	N	N	N	3	N
2169		WG	79		W401	KNEE	13-Mar-2009	N	N	N	N	6	N
2170		WG	73		W371	HIP	13-Mar-2009	N	N	N	N	3	N
2171		WG	74		W401	KNEE	13-Mar-2009	N	N	N	N	3	N
2172		NT	73		W401	KNEE	13-Mar-2009	N	N	N	N	5	N
2173		HX	77		W401	KNEE	13-Mar-2009	N	N	N	N	4	N
2174		WG	73		W371	HIP	16-Mar-2009	N	N	N	N	3	N
2175		WG	73		W371	HIP	16-Mar-2009	N	N	N	N	4	N
2176		WG	64		W401	KNEE	16-Mar-2009	N	N	N	N	2	N
2177		WG	67		W401	KNEE	16-Mar-2009	N	N	N	N	12	N
2178		HX	77		W371	HIP	16-Mar-2009	N	N	N	N	5	N
2179		HX	66		W371	HIP	16-Mar-2009	N	N	N	N	2	N
2180		HX	72		W371	HIP	16-Mar-2009	N	N	N	N	3	N
2181		WG	68		W401	KNEE	17-Mar-2009	N	N	N	N	2	N
2182		WG	74		W371	HIP	17-Mar-2009	N	N	N	N	11	N
2183		WG	78		W371	HIP	17-Mar-2009	N	N	N	N	6	N
2184		WG	66		W371	HIP	17-Mar-2009	N	N	N	N	3	N
2185		NT	79		W401	KNEE	17-Mar-2009	N	N	N	N	11	N
2186		NT	73		W401	KNEE	17-Mar-2009	N	N	N	N	7	N
2187		HX	42		W381	HIP	17-Mar-2009	N	N	N	N	1	N
2188		HX	80		W371	HIP	17-Mar-2009	N	N	N	N	6	N
2189		HX	63		W401	KNEE	17-Mar-2009	N	N	N	N	3	N
2190		HX	54		W381	HIP	17-Mar-2009	N	N	N	N	2	N
2191		NT	64		W381	HIP	17-Mar-2009	N	N	N	N	5	N
2192		WG	81		W401	KNEE	18-Mar-2009	N	N	N	N	12	N
2193		HX	65		W371	HIP	18-Mar-2009	N	N	N	N	3	N
2194		NT	67		W401	KNEE	18-Mar-2009	N	N	N	N	8	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2107	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2108	N	N	N	N	N	N	N	N	N	N	N	N	N	N	1	3	N	
2109	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2110	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2111	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2112	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2113	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2114	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2115	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2116	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2117	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2118	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2119	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2120	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2121	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2122	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2124	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2125	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2126	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2127	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	E669
2128	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2129	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2130	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2132	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2133	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
2134	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2135	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2136	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2137	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2138	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
2139	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2140	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	36	0	N	
2141	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	1	N	
2142	N	N	N	Y	N	Y	N	N	N	N	N	N	N	Y	3	0	N	
2143	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2144	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
2145	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2146	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2147	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2148	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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2150	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2151	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2152	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2153	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	43	0	N	
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2159	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2160	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2161	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2162	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2163	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2164	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2165	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2166	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2167	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2168	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2169	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2170	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2171	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2172	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2173	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2174	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2175	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2176	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2177	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2178	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2179	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2181	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2182	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	Y	
2183	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2184	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2185	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2186	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2187	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2188	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2189	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2190	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2191	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2192	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2193	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2194	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

	AX	AY	AZ	BA	BB	BC	BD	BE
2107	0							
2108	0							
2109	0							
2110	0							
2111	0							
2112	0							
2113	0							
2114	0							
2115	0							
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2117	0							
2118	0							
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2128	0							
2129	0							
2130	0							
2131	0							
2132	0							
2133	0							
2134	0							
2135	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
2136	0							
2137	0							
2138	0							
2139	0							
2140	0							
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2161	2	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
2162	0							
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2188	0							
2189	0							
2190	0							
2191	0							
2192	0							
2193	0							
2194	0							

	BF	BG	BH
2107	N		
2108	N		
2109	N		
2110	N		
2111	N		
2112	N		
2113	N		
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2132	N		
2133	N		
2134	N		
2135	N		
2136	N		
2137	N		
2138	N		
2139	N		
2140	YES 12/03/09	Staphilococci, Diptheroid & Strep B	
2141	N		
2142	N		
2143	N		
2144	N		
2145	N		
2146	N		
2147	N		
2148	N		
2149	N		
2150	N		
2151	N		
2152	N		
2153	YES 26/03/09	Coag Neg Staph & Staph. Epidemidis	
2154	N		
2155	N		
2156	N		
2157	N		
2158	N		
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2190	N		
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2192	N		
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2194	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2195		NT	58		W401	KNEE	18-Mar-2009	N	N	N	N	4	N
2196		WG	72		W371	HIP	19-Mar-2009	N	N	N	N	2	N
2197		WG	75		W371	HIP	19-Mar-2009	N	N	N	N	6	N
2198		WG	47		W371	HIP	19-Mar-2009	N	N	N	N	3	N
2199		HX	77		W371	HIP	19-Mar-2009	N	N	N	N	4	N
2200		WG	57		W371	HIP	20-Mar-2009	N	N	N	N	6	N
2201		WG	55		W401	KNEE	20-Mar-2009	N	N	N	N	2	N
2202		WG	73		W371	HIP	20-Mar-2009	N	N	N	N	3	N
2203		WG	72		W401	KNEE	20-Mar-2009	N	N	N	N	5	N
2204		HX	51		W381	HIP	20-Mar-2009	N	N	N	N	3	N
2205		WG	66		W401	KNEE	23-Mar-2009	N	N	N	N	3	N
2206		WG	73		W371	HIP	23-Mar-2009	N	N	N	N	4	N
2207		WG	70		W401	KNEE	23-Mar-2009	N	N	N	N	6	N
2208		WG	73		W401	KNEE	23-Mar-2009	N	N	N	N	5	N
2209		HX	49		W401	KNEE	23-Mar-2009	N	N	N	N	2	N
2210		HX	66		W371	HIP	23-Mar-2009	N	N	N	N	3	N
2211		HX	79		W401	KNEE	23-Mar-2009	N	N	N	N	4	N
2212		HX	59		W401	KNEE	23-Mar-2009	N	N	N	N	3	N
2213		NT	72		W401	KNEE	23-Mar-2009	N	N	N	N	6	N
2214		WG	56		W401	KNEE	24-Mar-2009	N	N	N	N	2	N
2215		WG	69		W401	KNEE	24-Mar-2009	N	N	N	N	2	N
2216		WG	57		W401	KNEE	24-Mar-2009	N	N	N	N	2	N
2217		WG	63		W401	KNEE	24-Mar-2009	N	N	N	N	3	N
2218		HX	58		W401	KNEE	24-Mar-2009	N	N	N	N	3	N
2219		HX	78		W401	KNEE	24-Mar-2009	N	N	N	N	2	N
2220		HX	55		W381	HIP	24-Mar-2009	N	N	N	N	3	N
2221		WG	73		W401	KNEE	25-Mar-2009	N	N	N	N	2	N
2222		NT	65		W401	KNEE	25-Mar-2009	N	N	N	N	6	N
2223		NT	62		W381	HIP	25-Mar-2009	N	N	N	N	5	N
2224		NT	79		W401	KNEE	25-Mar-2009	N	N	N	N	9	N
2225		WG	74		W371	HIP	26-Mar-2009	N	N	N	N	4	N
2226		NT	66		W381	HIP	26-Mar-2009	N	N	N	N	5	N
2227		NT	80		W401	KNEE	26-Mar-2009	N	N	N	N	5	N
2228		HX	49		W401	KNEE	26-Mar-2009	N	N	N	N	5	N
2229		WG	56		W401	KNEE	27-Mar-2009	N	N	N	N	2	N
2230		WG	61		W401	KNEE	27-Mar-2009	N	N	N	N	2	N
2231		WG	63		W371	HIP	27-Mar-2009	N	N	N	N	3	N
2232		HX	71		W371	HIP	27-Mar-2009	N	N	N	N	3	N
2233		HX	84		W401	KNEE	27-Mar-2009	N	N	N	N	9	N
2234		WG	75		W371	HIP	30-Mar-2009	N	N	N	N	4	N
2235		WG	74		W371	HIP	30-Mar-2009	N	N	N	N	9	N
2236		HX	72		W371	HIP	30-Mar-2009	N	N	N	N	4	N
2237		WG	71		W401	KNEE	30-Mar-2009	N	N	N	N	3	N
2238		WG	59		W401	KNEE	30-Mar-2009	N	N	N	N	8	N
2239		HX	68		W401	KNEE	30-Mar-2009	N	N	N	N	3	N
2240		HX	78		W401	KNEE	30-Mar-2009	N	N	N	N	4	N
2241		WG	70		W371	HIP	31-Mar-2009	N	N	N	N	2	N
2242		WG	58		W371	HIP	31-Mar-2009	N	N	N	N	3	N
2243		NT	58		W381	HIP	31-Mar-2009	N	N	N	N	7	N
2244		HX	66		W371	HIP	31-Mar-2009	N	N	N	N	3	N
2245		HX	83		W371	HIP	31-Mar-2009	N	N	N	N	2	N
2246		WG	81		W371	HIP	31-Mar-2009	N	N	N	N	7	N
2247		HX	58		W381	HIP	31-Mar-2009	N	N	N	N	2	N
2248		WG	53		W401	KNEE	31-Mar-2009	N	N	N	N	35	N
2249		WG	81		W401	KNEE	31-Mar-2009	N	N	N	N	11	N
2250		NT	77		W401	KNEE	31-Mar-2009	N	N	N	N	5	N
2251		NT	52		W401	KNEE	31-Mar-2009	N	N	N	N	5	N
2252		HX	51		W371	HIP	01-Apr-2009	N	N	N	N	3	N
2253		NT	69		W371	HIP	01-Apr-2009	N	N	N	N	2	N
2254		NT	81		W371	HIP	01-Apr-2009	N	N	N	N	5	N
2255		NT	52		W371	HIP	01-Apr-2009	N	N	N	N	2	N
2256		NT	76		W401	KNEE	01-Apr-2009	N	N	N	N	15	N
2257		WG	69		W401	KNEE	01-Apr-2009	N	N	N	N	13	N
2258		WG	75		W401	KNEE	01-Apr-2009	N	N	N	N	2	N
2259		WG	64		W401	KNEE	01-Apr-2009	N	N	N	N	3	N
2260		NT	59		W401	KNEE	02-Apr-2009	N	N	N	N	4	N
2261		NT	59		W401	KNEE	02-Apr-2009	N	N	N	N	3	N
2262		WG	88		W371	HIP	03-Apr-2009	N	N	N	N	12	N
2263		WG	74		W371	HIP	03-Apr-2009	N	N	N	N	4	N
2264		HX	50		W381	HIP	03-Apr-2009	N	N	N	N	3	N
2265		HX	57		W401	KNEE	03-Apr-2009	N	N	N	N	2	N
2266		HX	67		W401	KNEE	03-Apr-2009	N	N	N	N	3	N
2267		HX	80		W401	KNEE	03-Apr-2009	N	N	N	N	3	N
2268		HX	60		W401	KNEE	03-Apr-2009	N	N	N	N	3	N
2269		HX	77		W401	KNEE	03-Apr-2009	N	N	N	N	3	N
2270		WG	75		W401	KNEE	06-Apr-2009	N	N	N	N	3	N
2271		HX	54		W371	HIP	06-Apr-2009	N	N	N	N	2	N
2272		WG	63		W371	HIP	07-Apr-2009	N	N	N	N	2	N
2273		NT	69		W381	HIP	07-Apr-2009	N	N	N	N	9	N
2274		NT	78		W381	HIP	07-Apr-2009	N	N	N	N	9	N
2275		HX	81		W371	HIP	07-Apr-2009	N	N	N	N	5	N
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2277		WG	78		W401	KNEE	07-Apr-2009	N	N	N	N	6	N
2278		WG	70		W401	KNEE	07-Apr-2009	N	N	N	N	8	N
2279		WG	70		W401	KNEE	07-Apr-2009	N	N	N	N	6	N
2280		NT	75		W401	KNEE	07-Apr-2009	N	N	N	N	3	N
2281		NT	81		W401	KNEE	07-Apr-2009	N	N	N	N	8	N
2282		WG	64		W401	KNEE	07-Apr-2009	N	N	N	N	3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2195	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2196	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2197	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2198	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2199	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2200	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2201	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2202	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2203	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2204	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2205	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2206	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2207	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2208	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2209	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2210	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2211	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2212	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2213	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2214	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2216	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2217	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
2218	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2219	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2220	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	5	0	N	
2221	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2222	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2223	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2224	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2225	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2226	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
2227	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2228	N	N	N	N	N	N	N	N	N	Y	N	N	N	Y	14	0	N	
2229	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2230	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2233	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2234	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2235	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2236	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2237	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2238	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2239	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2240	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2241	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
2242	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2243	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2244	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2245	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2246	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2247	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2248	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2249	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
2250	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2251	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2252	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2253	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2256	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
2257	Y	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	Y	
2258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2260	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2261	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2262	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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2264	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2270	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2276	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2277	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2278	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	
2279	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2281	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2282	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

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2201	0							
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2215	0							
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2220	0							
2221	0							
2222	0							
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2224	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2225	0							
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2228	0							
2229	0							
2230	0							
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2232	0							
2233	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2234	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2235	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2236	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2237	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2238	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2239	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2240	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2241	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
2242	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2243	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2244	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2245	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2246	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2247	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2248	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2249	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2250	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2251	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2252	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2253	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2254	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2255	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2256	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2257	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2258	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2259	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2260	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2261	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2262	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
2263	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2264	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2265	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2266	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2267	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2268	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2269	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2270	0	HA06Z	Reconstruction Procedures Category 1					
2271	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2272	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2273	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2274	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2275	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2276	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2277	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2278	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2279	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2280	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2281	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2282	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					

	BF	BG	BH
2195	N		
2196	N		
2197	N		
2198	N		
2199	N		
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2281	N		
2282	N		

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2283	NT	77			W371	HIP	08-Apr-2009	N	N	N	N	7 N	
2284	HX	56			W371	HIP	08-Apr-2009	N	N	N	N	3 N	
2285	NT	79			W401	KNEE	08-Apr-2009	N	N	N	N	8 N	
2286	NT	63			W401	KNEE	08-Apr-2009	N	N	N	N	3 N	
2287	HX	76			W401	KNEE	08-Apr-2009	N	N	N	N	5 N	
2288	HX	57			W401	KNEE	08-Apr-2009	N	N	N	N	7 N	
2289	WG	65			W371	HIP	09-Apr-2009	N	N	N	N	9 N	
2290	HX	78			W401	KNEE	09-Apr-2009	N	N	N	N	3 N	
2291	HX	70			W401	KNEE	09-Apr-2009	N	N	N	N	3 N	
2292	WG	58			W401	KNEE	09-Apr-2009	N	N	N	N	2 N	
2293	NT	66			W381	HIP	14-Apr-2009	N	N	N	N	4 N	
2294	HX	90			W371	HIP	14-Apr-2009	N	N	N	N	7 N	
2295	WG	67			W371	HIP	14-Apr-2009	N	N	N	N	2 N	
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2297	WG	63			W401	KNEE	14-Apr-2009	N	N	N	N	3 N	
2298	WG	80			W401	KNEE	14-Apr-2009	N	N	N	N	3 N	
2299	NT	87			W401	KNEE	14-Apr-2009	N	N	N	N	5 N	
2300	WG	67			W401	KNEE	14-Apr-2009	N	N	N	N	4 N	
2301	NT	49			W401	KNEE	14-Apr-2009	N	N	N	N	4 N	
2302	HX	57			W401	KNEE	14-Apr-2009	N	N	N	N	3 N	
2303	HX	70			W401	KNEE	14-Apr-2009	N	N	N	N	2 N	
2304	NT	91			W371	HIP	15-Apr-2009	N	N	N	N	9 N	
2305	NT	64			W381	HIP	15-Apr-2009	N	N	N	N	4 N	
2306	NT	53			W371	HIP	15-Apr-2009	N	N	N	N	6 N	
2307	NT	89			W401	KNEE	15-Apr-2009	N	N	N	N	7 N	
2308	HX	72			W401	KNEE	15-Apr-2009	N	N	N	N	4 N	
2309	HX	61			W401	KNEE	15-Apr-2009	N	N	N	N	3 N	
2310	HX	66			W401	KNEE	15-Apr-2009	N	N	N	N	5 N	
2311	WG	61			W371	HIP	16-Apr-2009	N	N	N	N	6 N	
2312	HX	83			W381	HIP	16-Apr-2009	N	N	N	N	7 N	
2313	WG	62			W401	KNEE	16-Apr-2009	N	N	N	N	4 N	
2314	HX	76			W381	HIP	17-Apr-2009	N	N	N	N	4 N	
2315	HX	61			W381	HIP	17-Apr-2009	N	N	N	N	4 N	
2316	WG	79			W401	KNEE	17-Apr-2009	N	N	N	N	2 N	
2317	HX	66			W401	KNEE	19-Apr-2009	N	N	N	N	4 N	
2318	WG	70			W371	HIP	20-Apr-2009	N	N	N	N	5 N	
2319	WG	54			W401	KNEE	20-Apr-2009	N	N	N	N	9 N	
2320	WG	56			W401	KNEE	20-Apr-2009	N	N	N	N	3 N	
2321	WG	57			W401	KNEE	20-Apr-2009	N	N	N	N	5 N	
2322	HX	74			W401	KNEE	20-Apr-2009	N	N	N	N	4 N	
2323	HX	73			W401	KNEE	20-Apr-2009	N	N	N	N	1 N	
2324	NT	53			W381	HIP	21-Apr-2009	N	N	N	N	4 N	
2325	NT	66			W381	HIP	21-Apr-2009	N	N	N	N	6 N	
2326	HX	84			W371	HIP	21-Apr-2009	N	N	N	N	3 N	
2327	NT	53			W381	HIP	21-Apr-2009	N	N	N	N	3 N	
2328	WG	59			W401	KNEE	21-Apr-2009	N	N	N	N	4 N	
2329	WG	79			W401	KNEE	21-Apr-2009	N	N	N	N	4 N	
2330	WG	71			W401	KNEE	21-Apr-2009	N	N	N	N	4 N	
2331	HX	75			W401	KNEE	21-Apr-2009	N	N	N	N	3 N	
2332	HX	64			W401	KNEE	21-Apr-2009	N	N	N	N	2 N	
2333	HX	84			W401	KNEE	21-Apr-2009	N	N	N	N	4 N	
2334	WG	71			W371	HIP	22-Apr-2009	N	N	N	N	43 N	
2335	HX	81			W371	HIP	22-Apr-2009	N	N	N	N	2 N	
2336	WG	57			W371	HIP	22-Apr-2009	N	N	N	N	3 N	
2337	WG	59			W401	KNEE	22-Apr-2009	N	N	N	N	2 N	
2338	NT	61			W401	KNEE	22-Apr-2009	N	N	N	N	3 N	
2339	WG	74			W401	KNEE	22-Apr-2009	N	N	N	N	2 N	
2340	HX	69			W401	KNEE	22-Apr-2009	N	N	N	N	1 N	
2341	HX	53			W371	HIP	23-Apr-2009	N	N	N	N	3 N	
2342	WG	57			W371	HIP	23-Apr-2009	N	N	N	N	3 N	
2343	WG	50			W371	HIP	23-Apr-2009	N	N	N	N	3 N	
2344	NT	77			W401	KNEE	23-Apr-2009	N	N	N	N	6 N	
2345	WG	59			W371	HIP	24-Apr-2009	N	N	N	N	5 N	
2346	WG	78			W371	HIP	24-Apr-2009	N	N	N	N	4 N	
2347	WG	60			W371	HIP	24-Apr-2009	N	N	N	N	6 N	
2348	WG	72			W401	KNEE	24-Apr-2009	N	N	N	N	5 N	
2349	WG	63			W371	HIP	27-Apr-2009	N	N	N	N	6 N	
2350	NT	61			W381	HIP	27-Apr-2009	N	N	N	N	6 N	
2351	HX	83			W371	HIP	27-Apr-2009	N	N	N	N	4 N	
2352	HX	75			W371	HIP	27-Apr-2009	N	N	N	N	2 N	
2353	WG	74			W401	KNEE	27-Apr-2009	N	N	N	N	3 N	
2354	WG	69			W401	KNEE	27-Apr-2009	N	N	N	N	2 N	
2355	HX	73			W401	KNEE	27-Apr-2009	N	N	N	N	2 N	
2356	HX	80			W401	KNEE	27-Apr-2009	N	N	N	N	5 N	
2357	HX	81			W401	KNEE	27-Apr-2009	N	N	N	N	2 N	
2358	NT	60			W381	HIP	28-Apr-2009	N	N	N	N	8 N	
2359	WG	84			W371	HIP	28-Apr-2009	N	N	N	N	9 N	
2360	NT	70			W381	HIP	28-Apr-2009	N	N	N	N	3 N	
2361	WG	60			W371	HIP	28-Apr-2009	N	N	N	N	2 N	
2362	WG	50			W371	HIP	28-Apr-2009	N	N	N	N	2 N	
2363	WG	64			W401	KNEE	28-Apr-2009	N	N	N	N	3 N	
2364	WG	82			W401	KNEE	28-Apr-2009	N	N	N	N	8 N	
2365	HX	79			W401	KNEE	28-Apr-2009	N	N	N	N	3 N	
2366	WG	74			W371	HIP	29-Apr-2009	N	N	N	N	3 N	
2367	HX	61			W371	HIP	29-Apr-2009	N	N	N	N	4 N	
2368	WG	64			W401	KNEE	29-Apr-2009	N	N	N	N	2 N	
2369	WG	55			W401	KNEE	29-Apr-2009	N	N	N	N	4 N	
2370	WG	70			W371	HIP	30-Apr-2009	N	N	N	N	6 N	

[illegible]

[illegible]

[illegible]

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2369	N		
2370	N		

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2371		WG	67		W371	HIP	30-Apr-2009	N	N	N	N	4	N
2372		HX	75		W381	HIP	30-Apr-2009	N	N	N	N	3	N
2373		WG	62		W371	HIP	01-May-2009	N	N	N	N	2	N
2374		HX	55		W381	HIP	01-May-2009	N	N	N	N	2	N
2375		HX	55		W371	HIP	01-May-2009	N	N	N	N	2	N
2376		HX	64		W371	HIP	01-May-2009	N	N	N	N	2	N
2377		HX	61		W381	HIP	01-May-2009	N	N	N	N	2	N
2378		WG	80		W401	KNEE	01-May-2009	N	N	N	N	21	N
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2380		HX	47		W401	KNEE	01-May-2009	N	N	N	N	2	N
2381		HX	61		W401	KNEE	01-May-2009	N	N	N	N	2	N
2382		HX	59		W401	KNEE	01-May-2009	N	N	N	N	2	N
2383		WG	82		W371	HIP	05-May-2009	N	N	N	N	3	N
2384		NT	77		W371	HIP	05-May-2009	N	N	N	N	4	N
2385		WG	62		W371	HIP	05-May-2009	N	N	N	N	6	N
2386		HX	58		W381	HIP	05-May-2009	N	N	N	N	3	N
2387		NT	61		W401	KNEE	05-May-2009	N	N	N	N	7	N
2388		WG	83		W401	KNEE	05-May-2009	N	N	N	N	3	N
2389		WG	79		W401	KNEE	05-May-2009	N	N	N	N	3	N
2390		NT	77		W401	KNEE	05-May-2009	N	N	N	N	4	N
2391		WG	73		W401	KNEE	05-May-2009	N	N	N	N	9	N
2392		HX	64		W401	KNEE	05-May-2009	N	N	N	N	2	N
2393		NT	66		W401	KNEE	05-May-2009	N	N	N	N	3	N
2394		WG	72		W371	HIP	06-May-2009	N	N	N	N	2	N
2395		WG	74		W371	HIP	06-May-2009	N	N	N	N	5	N
2396		HX	50		W381	HIP	06-May-2009	N	N	N	N	4	N
2397		HX	72		W371	HIP	06-May-2009	N	N	N	N	16	N
2398		NT	61		W381	HIP	06-May-2009	N	N	N	N	5	N
2399		WG	83		W401	KNEE	06-May-2009	N	N	N	N	3	N
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2401		HX	67		W401	KNEE	06-May-2009	N	N	N	N	3	N
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2403		NT	58		W381	HIP	06-May-2009	N	N	N	N	4	N
2404		WG	33		W371	HIP	06-May-2009	N	N	N	N	4	N
2405		WG	76		W401	KNEE	08-May-2009	N	N	N	N	9	N
2406		HX	70		W401	KNEE	08-May-2009	N	N	N	N	4	N
2407		NT	69		W381	HIP	09-May-2009	N	N	N	N	5	N
2408		NT	69		W401	KNEE	09-May-2009	N	N	N	N	12	N
2409		NT	66		W401	KNEE	09-May-2009	N	N	N	N	4	N
2410		HX	65		W371	HIP	11-May-2009	N	N	N	N	7	N
2411		WG	75		W401	KNEE	11-May-2009	N	N	N	N	7	N
2412		WG	58		W401	KNEE	11-May-2009	N	N	N	N	3	N
2413		WG	86		W371	HIP	12-May-2009	N	N	N	N	38	N
2414		WG	77		W371	HIP	12-May-2009	N	N	N	N	2	N
2415		NT	70		W371	HIP	12-May-2009	N	N	N	N	7	N
2416		WG	77		W371	HIP	12-May-2009	N	N	N	N	2	N
2417		WG	65		W371	HIP	12-May-2009	N	N	N	N	3	N
2418		NT	73		W381	HIP	12-May-2009	N	N	N	N	4	N
2419		WG	61		W401	KNEE	12-May-2009	N	N	N	N	2	N
2420		NT	54		W401	KNEE	12-May-2009	N	N	N	N	4	N
2421		WG	71		W401	KNEE	12-May-2009	N	N	N	N	10	N
2422		NT	60		W401	KNEE	12-May-2009	N	N	N	N	3	N
2423		HX	58		W401	KNEE	12-May-2009	N	N	N	N	4	N
2424		WG	58		W371	HIP	13-May-2009	N	N	N	N	1	N
2425		NT	80		W371	HIP	13-May-2009	N	N	N	N	3	N
2426		WG	71		W401	KNEE	13-May-2009	N	N	N	N	6	N
2427		HX	59		W401	KNEE	13-May-2009	N	N	N	N	6	N
2428		WG	73		W371	HIP	14-May-2009	N	N	N	N	5	N
2429		WG	73		W371	HIP	14-May-2009	N	N	N	N	5	N
2430		HX	68		W371	HIP	14-May-2009	N	N	N	N	3	N
2431		HX	68		W371	HIP	14-May-2009	N	N	N	N	3	N
2432		HX	73		W401	KNEE	14-May-2009	N	N	N	N	2	N
2433		WG	78		W401	KNEE	14-May-2009	N	N	N	N	4	N
2434		WG	80		W401	KNEE	14-May-2009	N	N	N	N	4	N
2435		NT	74		W401	KNEE	14-May-2009	N	N	N	N	4	N
2436		WG	68		W371	HIP	15-May-2009	N	N	N	N	3	N
2437		HX	70		W381	HIP	15-May-2009	N	N	N	N	4	N
2438		WG	63		W401	KNEE	15-May-2009	N	N	N	N	3	N
2439		WG	68		W401	KNEE	15-May-2009	N	N	N	N	3	N
2440		NT	76		W381	HIP	16-May-2009	N	N	N	N	4	N
2441		NT	73		W401	KNEE	16-May-2009	N	N	N	N	5	N
2442		WG	81		W371	HIP	18-May-2009	N	N	N	N	8	N
2443		HX	67		W371	HIP	18-May-2009	N	N	N	N	2	N
2444		HX	65		W371	HIP	18-May-2009	N	N	N	N	3	N
2445		HX	47		W381	HIP	18-May-2009	N	N	N	N	1	N
2446		WG	76		W401	KNEE	18-May-2009	N	N	N	N	4	N
2447		WG	57		W371	HIP	19-May-2009	N	N	N	N	3	N
2448		WG	60		W371	HIP	19-May-2009	N	N	N	N	2	N
2449		HX	62		W371	HIP	19-May-2009	N	N	N	N	3	N
2450		WG	79		W401	KNEE	19-May-2009	N	N	N	N	5	N
2451		NT	79		W401	KNEE	19-May-2009	N	N	N	N	6	N
2452		WG	74		W401	KNEE	19-May-2009	N	N	N	N	6	N
2453		HX	74		W401	KNEE	19-May-2009	N	N	N	N	3	N
2454		HX	82		W371	HIP	20-May-2009	N	N	N	N	6	N
2455		NT	74		W401	KNEE	20-May-2009	N	N	N	N	8	N
2456		NT	64		W401	KNEE	20-May-2009	N	N	N	N	7	N
2457		NT	78		W371	HIP	21-May-2009	N	N	N	N	8	N
2458		NT	73		W371	HIP	21-May-2009	N	N	N	N	7	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2371	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2374	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2376	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
2377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2378	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2379	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2383	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2384	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2385	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2386	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2387	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2388	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2389	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2390	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2391	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2392	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2393	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2394	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2395	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2396	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2397	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2398	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2400	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2401	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2402	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2403	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2405	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2406	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2407	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2408	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2409	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2410	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2411	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2412	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2413	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	Y	N
2414	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2415	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2416	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2417	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2418	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2419	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2420	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2421	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2422	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2423	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2424	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2425	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2426	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2427	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2428	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2429	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2430	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2431	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2432	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2433	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2434	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
2435	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2436	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2437	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2438	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2439	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2440	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2441	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2442	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2443	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2444	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2445	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2446	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2447	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2448	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2449	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2450	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2451	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2452	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2453	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2454	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2455	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2456	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2457	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2458	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2371	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2374	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2376	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2378	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2379	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
2380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2383	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2384	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
2385	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2386	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2387	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2388	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
2389	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2390	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2391	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2392	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2393	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2394	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
2395	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
2396	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2397	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2398	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2400	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2401	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2402	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2403	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2405	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2406	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	19	0	N	
2407	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2408	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2409	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2410	N	N	Y	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2411	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2412	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2413	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2414	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2415	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
2416	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2417	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2418	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2419	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2420	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2421	N	N	Y	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
2422	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2423	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2424	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2425	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2426	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2427	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2428	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2429	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
2430	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2431	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2432	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2433	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2434	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2435	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2436	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2437	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2438	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2439	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2440	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2441	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2442	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2443	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2444	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2445	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2446	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2447	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2448	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2449	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2450	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2451	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	1	N	
2452	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2453	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2454	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2455	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2456	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2457	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
2458	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	0	0	N	

[illegible]

	BF	BG	BH
2371	N		
2372	N		
2373	N		
2374	N		
2375	N		
2376	N		
2377	N		
2378	N		
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2382	N		
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2455	N		
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2458	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2459		HX	74		W381	HIP	21-May-2009 N		N	N	N		2 N
2460		HX	67		W381	HIP	21-May-2009 N		N	N	N		3 N
2461		WG	75		W401	KNEE	21-May-2009 N		N	N	N		3 N
2462		WG	84		W371	HIP	22-May-2009 N		N	N	N		5 N
2463		NT	54		W381	HIP	22-May-2009 N		N	N	N		5 N
2464		NT	76		W401	KNEE	22-May-2009 N		N	N	N		14 N
2465		NT	74		W401	KNEE	22-May-2009 N		N	N	N		5 N
2466		WG	84		W401	KNEE	22-May-2009 N		N	N	N		3 N
2467		HX	72		W371	HIP	26-May-2009 N		N	N	N		5 N
2468		WG	43		W371	HIP	26-May-2009 N		N	N	N		6 N
2469		WG	74		W371	HIP	26-May-2009 N		N	N	N		2 N
2470		HX	70		W371	HIP	26-May-2009 N		N	N	N		3 N
2471		WG	62		W401	KNEE	26-May-2009 N		N	N	N		3 N
2472		WG	75		W401	KNEE	26-May-2009 N		N	N	N		4 N
2473		WG	65		W401	KNEE	26-May-2009 N		N	N	N		2 N
2474		HX	62		W401	KNEE	26-May-2009 N		N	N	N		3 N
2475		HX	58		W401	KNEE	26-May-2009 N		N	N	N		2 N
2476		NT	78		W371	HIP	27-May-2009 N		N	N	Y		15 N
2477		NT	88		W371	HIP	27-May-2009 N		N	N	N		7 N
2478		WG	73		W371	HIP	27-May-2009 N		N	N	N		7 N
2479		NT	73		W401	KNEE	27-May-2009 N		N	N	N		8 N
2480		NT	52		W401	KNEE	27-May-2009 N		N	N	N		7 N
2481		HX	77		W401	KNEE	27-May-2009 N		N	N	N		3 N
2482		WG	75		W401	KNEE	28-May-2009 N		N	N	N		5 N
2483		NT	79		W401	KNEE	28-May-2009 N		N	N	N		7 N
2484		NT	70		W401	KNEE	28-May-2009 N		N	N	N		4 N
2485		WG	81		W401	KNEE	28-May-2009 N		N	N	N		2 N
2486		NT	80		W371	HIP	29-May-2009 N		N	N	N		5 N
2487		HX	70		W401	KNEE	29-May-2009 N		N	N	N		3 N
2488		WG	72		W401	KNEE	29-May-2009 N		N	N	N		6 N
2489		WG	72		W401	KNEE	29-May-2009 N		N	N	N		3 N
2490		WG	60		W401	KNEE	29-May-2009 N		N	N	N		2 N
2491		WG	75		W371	HIP	01-Jun-2009 N		N	N	N		3 N
2492		HX	74		W371	HIP	01-Jun-2009 N		N	N	N		5 N
2493		WG	56		W401	KNEE	01-Jun-2009 N		N	N	N		3 N
2494		WG	61		W401	KNEE	01-Jun-2009 N		N	N	N		3 N
2495		WG	87		W401	KNEE	01-Jun-2009 N		N	N	N		5 N
2496		WG	74		W401	KNEE	01-Jun-2009 N		N	N	N		3 N
2497		WG	61		W371	HIP	02-Jun-2009 N		N	N	N		5 N
2498		HX	76		W371	HIP	02-Jun-2009 N		N	N	N		3 N
2499		NT	68		W401	KNEE	02-Jun-2009 N		N	N	N		3 N
2500		NT	69		W401	KNEE	02-Jun-2009 N		N	N	N		4 N
2501		WG	78		W371	HIP	03-Jun-2009 N		N	N	N		4 N
2502		NT	74		W371	HIP	03-Jun-2009 N		N	N	N		2 N
2503		HX	66		W381	HIP	03-Jun-2009 N		N	N	N		7 N
2504		WG	86		W401	KNEE	03-Jun-2009 N		N	N	N		26 N
2505		NT	80		W401	KNEE	03-Jun-2009 N		N	N	N		8 N
2506		WG	58		W401	KNEE	03-Jun-2009 N		N	N	N		2 N
2507		HX	83		W401	KNEE	03-Jun-2009 N		N	N	N		4 N
2508		WG	60		W381	HIP	04-Jun-2009 N		N	N	N		7 N
2509		HX	69		W381	HIP	04-Jun-2009 N		N	N	N		4 N
2510		WG	78		W371	HIP	05-Jun-2009 N		N	N	N		10 N
2511		HX	76		W371	HIP	05-Jun-2009 N		N	N	N		5 N
2512		WG	86		W371	HIP	05-Jun-2009 N		N	N	N		10 N
2513		NT	72		W381	HIP	05-Jun-2009 N		N	N	N		3 N
2514		NT	66		W401	KNEE	05-Jun-2009 N		N	N	N		2 N
2515		NT	81		W381	HIP	06-Jun-2009 N		N	N	N		5 N
2516		NT	86		W401	KNEE	06-Jun-2009 N		N	N	N		4 N
2517		NT	75		W401	KNEE	06-Jun-2009 N		N	N	N		5 N
2518		HX	67		W371	HIP	08-Jun-2009 N		N	N	N		3 N
2519		HX	68		W371	HIP	08-Jun-2009 N		N	N	N		3 N
2520		WG	82		W401	KNEE	08-Jun-2009 N		N	N	N		8 N
2521		WG	65		W401	KNEE	08-Jun-2009 N		N	N	N		4 N
2522		WG	64		W401	KNEE	08-Jun-2009 N		N	N	N		4 N
2523		HX	74		W401	KNEE	08-Jun-2009 N		N	N	N		7 N
2524		HX	80		W401	KNEE	08-Jun-2009 N		N	N	N		3 N
2525		NT	66		W381	HIP	09-Jun-2009 N		N	N	N		4 N
2526		WG	70		W371	HIP	09-Jun-2009 N		N	N	N		7 N
2527		WG	62		W371	HIP	09-Jun-2009 N		N	N	N		9 N
2528		HX	65		W371	HIP	09-Jun-2009 N		N	N	N		2 N
2529		HX	68		W371	HIP	09-Jun-2009 N		N	N	N		3 N
2530		NT	76		W381	HIP	09-Jun-2009 N		N	N	N		4 N
2531		WG	70		W401	KNEE	09-Jun-2009 N		N	N	N		4 N
2532		NT	89		W401	KNEE	09-Jun-2009 N		N	N	N		4 N
2533		WG	74		W401	KNEE	09-Jun-2009 N		N	N	N		4 N
2534		HX	58		W401	KNEE	09-Jun-2009 N		N	N	N		2 N
2535		WG	79		W371	HIP	10-Jun-2009 N		N	N	N		4 N
2536		WG	63		W371	HIP	10-Jun-2009 N		N	N	N		3 N
2537		WG	64		W401	KNEE	10-Jun-2009 N		N	N	N		5 N
2538		NT	82		W401	KNEE	10-Jun-2009 N		N	N	N		5 N
2539		HX	69		W401	KNEE	10-Jun-2009 N		N	N	N		4 N
2540		HX	82		W401	KNEE	10-Jun-2009 N		N	N	N		5 N
2541		NT	75		W401	KNEE	10-Jun-2009 N		N	N	N		6 N
2542		WG	64		W401	KNEE	11-Jun-2009 N		N	N	N		12 N
2543		HX	68		W401	KNEE	11-Jun-2009 N		N	N	N		4 N
2544		HX	59		W401	KNEE	11-Jun-2009 N		N	N	N		4 N
2545		NT	73		W381	HIP	12-Jun-2009 N		N	N	N		3 N
2546		WG	73		W401	KNEE	12-Jun-2009 N		N	N	N		10 N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2459	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2460	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2461	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2462	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2463	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2464	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2465	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2466	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2467	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	N	N
2468	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
2469	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2470	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2471	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2472	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2473	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2474	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2475	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2476	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2477	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2478	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2479	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2480	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2481	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2482	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2483	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2484	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2485	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2486	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2487	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2488	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2489	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2490	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2491	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2492	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2493	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2494	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2495	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2496	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2497	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2498	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2499	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2500	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2501	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2502	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2504	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2505	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2507	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2508	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N	Y	N	N
2509	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2510	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2511	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2512	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2513	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2514	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2515	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2516	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2517	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2518	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N
2519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2520	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2521	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2522	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2523	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
2524	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2525	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
2526	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2527	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2531	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2532	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2533	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2534	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2535	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2536	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2537	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
2538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2539	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2541	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2542	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N
2543	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2544	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2545	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2546	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
2459	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2460	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2461	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2462	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2463	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2464	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2465	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2466	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2467	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2468	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2469	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2470	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2471	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2472	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2473	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2474	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2475	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2476	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2477	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2478	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2479	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2480	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2481	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2482	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2483	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	13	0	N	
2484	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2485	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2486	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2487	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2488	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2489	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2490	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2491	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2492	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2493	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2494	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2495	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2496	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2497	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2498	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2499	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2500	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2501	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2502	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2504	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2505	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2507	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2508	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2509	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2510	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2511	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2512	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2513	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2514	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2515	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2516	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2517	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2518	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2520	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2521	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2522	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2523	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2524	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2525	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	5	0	N	
2526	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2527	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2531	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2532	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2533	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2534	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2535	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2536	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2537	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2539	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2541	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2542	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2543	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2544	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2545	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2546	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
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2460	N		
2461	N		
2462	N		
2463	N		
2464	N		
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2543	N		
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2545	N		
2546	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2547		WG	74		W401	KNEE	12-Jun-2009	N	N	N	N	3	N
2548		NT	67		W421	KNEE	12-Jun-2009	N	N	N	N	3	N
2549		WG	65		W401	KNEE	12-Jun-2009	N	N	N	N	5	N
2550		HX	74		W401	KNEE	12-Jun-2009	N	N	N	N	3	N
2551		HX	86		W401	KNEE	12-Jun-2009	N	N	N	N	5	N
2552		NT	62		W381	HIP	13-Jun-2009	N	N	N	N	4	N
2553		NT	79		W381	HIP	13-Jun-2009	N	N	N	N	6	N
2554		HX	80		W371	HIP	15-Jun-2009	N	N	N	N	8	N
2555		WG	71		W371	HIP	15-Jun-2009	N	N	N	N	2	N
2556		HX	78		W371	HIP	15-Jun-2009	N	N	N	N	4	N
2557		WG	56		W371	HIP	15-Jun-2009	N	N	N	N	3	N
2558		WG	60		W401	KNEE	15-Jun-2009	N	N	N	N	9	N
2559		NT	77		W401	KNEE	15-Jun-2009	N	N	N	N	9	N
2560		HX	90		W401	KNEE	15-Jun-2009	N	N	N	N	3	N
2561		WG	58		W371	HIP	16-Jun-2009	N	N	N	N	2	N
2562		NT	70		W381	HIP	16-Jun-2009	N	N	N	N	5	N
2563		NT	60		W401	KNEE	16-Jun-2009	N	N	N	N	5	N
2564		WG	73		W401	KNEE	16-Jun-2009	N	N	N	N	4	N
2565		WG	60		W401	KNEE	16-Jun-2009	N	N	N	N	3	N
2566		WG	63		W401	KNEE	16-Jun-2009	N	N	N	N	4	N
2567		NT	62		W401	KNEE	16-Jun-2009	N	N	N	N	5	N
2568		WG	71		W401	KNEE	16-Jun-2009	N	N	N	N	3	N
2569		WG	62		W401	KNEE	16-Jun-2009	N	N	N	N	9	N
2570		WG	81		W371	HIP	17-Jun-2009	N	N	N	N	55	Y
2571		NT	74		W381	HIP	17-Jun-2009	N	N	N	N	3	N
2572		WG	69		W371	HIP	17-Jun-2009	N	N	N	N	4	N
2573		HX	71		W381	HIP	17-Jun-2009	N	N	N	N	3	N
2574		NT	54		W401	KNEE	17-Jun-2009	N	N	N	N	3	N
2575		NT	64		W401	KNEE	17-Jun-2009	N	N	N	N	3	N
2576		HX	77		W401	KNEE	17-Jun-2009	N	N	N	N	4	N
2577		NT	74		W401	KNEE	17-Jun-2009	N	N	N	N	16	N
2578		HX	65		W401	KNEE	17-Jun-2009	N	N	N	N	2	N
2579		WG	65		W371	HIP	18-Jun-2009	N	N	N	N	5	N
2580		WG	73		W371	HIP	18-Jun-2009	N	N	N	N	6	N
2581		WG	81		W401	KNEE	18-Jun-2009	N	N	N	N	20	N
2582		WG	78		W401	KNEE	18-Jun-2009	N	N	N	N	6	N
2583		HX	85		W401	KNEE	18-Jun-2009	N	N	N	N	8	N
2584		HX	70		W401	KNEE	18-Jun-2009	N	N	N	N	5	N
2585		HX	69		W401	KNEE	18-Jun-2009	N	N	N	N	7	N
2586		WG	69		W381	HIP	19-Jun-2009	N	N	N	N	10	N
2587		HX	69		W381	HIP	19-Jun-2009	N	N	N	N	3	N
2588		HX	65		W371	HIP	19-Jun-2009	N	N	N	N	3	N
2589		HX	67		W401	KNEE	19-Jun-2009	N	N	N	N	3	N
2590		HX	75		W401	KNEE	19-Jun-2009	N	N	N	N	3	N
2591		WG	74		W371	HIP	22-Jun-2009	N	N	N	N	4	N
2592		NT	77		W401	KNEE	22-Jun-2009	N	N	N	N	8	N
2593		HX	65		W401	KNEE	22-Jun-2009	N	N	N	N	2	N
2594		HX	84		W401	KNEE	22-Jun-2009	N	N	N	N	6	N
2595		HX	66		W401	KNEE	22-Jun-2009	N	N	N	N	2	N
2596		NT	68		W381	HIP	23-Jun-2009	N	N	N	N	3	N
2597		HX	63		W371	HIP	23-Jun-2009	N	N	N	N	2	N
2598		WG	50		W401	KNEE	23-Jun-2009	N	N	N	N	3	N
2599		NT	75		W401	KNEE	23-Jun-2009	N	N	N	N	8	N
2600		NT	75		W401	KNEE	23-Jun-2009	N	N	N	N	7	N
2601		NT	56		W401	KNEE	23-Jun-2009	N	N	N	N	4	N
2602		NT	74		W401	KNEE	23-Jun-2009	N	N	N	N	6	N
2603		NT	69		W401	KNEE	23-Jun-2009	N	N	N	N	5	N
2604		WG	60		W371	HIP	24-Jun-2009	N	N	N	N	3	N
2605		NT	78		W381	HIP	24-Jun-2009	N	N	N	N	2	N
2606		NT	49		W401	KNEE	24-Jun-2009	N	N	N	N	5	N
2607		WG	54		W371	HIP	25-Jun-2009	N	N	N	N	4	N
2608		WG	67		W371	HIP	25-Jun-2009	N	N	N	N	3	N
2609		WG	58		W371	HIP	25-Jun-2009	N	N	N	N	2	N
2610		HX	55		W371	HIP	25-Jun-2009	N	N	N	N	2	N
2611		HX	60		W381	HIP	25-Jun-2009	N	N	N	N	5	N
2612		HX	79		W401	KNEE	25-Jun-2009	N	N	N	N	4	N
2613		WG	53		W371	HIP	26-Jun-2009	N	N	N	N	2	N
2614		WG	68		W371	HIP	26-Jun-2009	N	N	N	N	2	N
2615		WG	79		W401	KNEE	26-Jun-2009	N	N	N	N	3	N
2616		NT	53		W401	KNEE	26-Jun-2009	N	N	N	N	5	N
2617		HX	71		W401	KNEE	26-Jun-2009	N	N	N	N	4	N
2618		NT	28		W381	HIP	27-Jun-2009	N	N	N	N	2	N
2619		NT	69		W371	HIP	27-Jun-2009	N	N	N	N	4	N
2620		NT	79		W421	KNEE	27-Jun-2009	N	N	N	N	4	N
2621		NT	75		W401	KNEE	27-Jun-2009	N	N	N	N	5	N
2622		HX	74		W371	HIP	29-Jun-2009	N	N	N	N	4	N
2623		WG	74		W401	KNEE	29-Jun-2009	N	N	N	N	2	N
2624		WG	85		W401	KNEE	29-Jun-2009	N	N	N	N	7	N
2625		HX	63		W371	HIP	30-Jun-2009	N	N	N	N	4	N
2626		NT	72		W381	HIP	30-Jun-2009	N	N	N	N	3	N
2627		NT	79		W371	HIP	30-Jun-2009	N	N	N	N	6	N
2628		WG	69		W401	KNEE	30-Jun-2009	N	N	N	N	4	N
2629		HX	78		W401	KNEE	30-Jun-2009	N	N	N	N	3	N
2630		NT	71		W401	KNEE	30-Jun-2009	N	N	N	N	5	N
2631		HX	81		W401	KNEE	30-Jun-2009	N	N	N	N	2	N
2632		HX	77		W401	KNEE	30-Jun-2009	N	N	N	N	2	N
2633		NT	66		W401	KNEE	30-Jun-2009	N	N	N	N	6	N
2634		NT	71		W371	HIP	01-Jul-2009	N	N	N	N	5	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2547	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2550	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2551	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2552	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
2553	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2554	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2556	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2557	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2558	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2559	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2563	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2565	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2566	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2567	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2568	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2570	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2571	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2572	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2573	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2575	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2577	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2579	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2580	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2581	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2586	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2587	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2591	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2592	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	N	N
2593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2594	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2595	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2596	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2597	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2598	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2600	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2606	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2608	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2609	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2614	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2615	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2616	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2618	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2620	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2624	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	N	N
2625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2629	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
2630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2634	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2547	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2550	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2551	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2552	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2553	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	16	0	N	
2554	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2555	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2556	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2557	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2558	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2559	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2565	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2566	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2567	N	N	Y	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2568	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2570	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	Y	
2571	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2572	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2573	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2575	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2577	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	42	0	N	
2578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2579	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2580	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2581	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2582	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2586	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2590	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2591	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	10	0	N	
2592	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
2593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2594	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2595	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2598	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2606	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2607	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2608	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2609	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2613	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2614	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2618	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2620	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2624	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2625	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
2626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2628	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2629	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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[illegible]

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2629	N		
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2632	N		
2633	N		
2634	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2635		NT	74		W381	HIP	01-Jul-2009	N	N	N	N	3	N
2636		HX	56		W371	HIP	01-Jul-2009	N	N	N	N	2	N
2637		HX	76		W371	HIP	01-Jul-2009	N	N	N	N	3	N
2638		WG	76		W401	KNEE	01-Jul-2009	N	N	N	N	6	N
2639		NT	71		W401	KNEE	01-Jul-2009	N	N	N	N	4	N
2640		NT	71		W401	KNEE	01-Jul-2009	N	N	N	N	4	N
2641		WG	55		W371	HIP	02-Jul-2009	N	N	N	N	2	N
2642		HX	65		W401	KNEE	02-Jul-2009	N	N	N	N	3	N
2643		NT	80		W381	HIP	03-Jul-2009	N	N	N	N	3	N
2644		NT	78		W401	KNEE	03-Jul-2009	N	N	N	N	5	N
2645		NT	73		W381	HIP	04-Jul-2009	N	N	N	N	6	N
2646		NT	58		W401	KNEE	04-Jul-2009	N	N	N	N	4	N
2647		HX	63		W371	HIP	06-Jul-2009	N	N	N	N	3	N
2648		WG	65		W401	KNEE	06-Jul-2009	N	N	N	N	4	N
2649		HX	62		W401	KNEE	06-Jul-2009	N	N	N	N	2	N
2650		HX	74		W401	KNEE	06-Jul-2009	N	N	N	N	3	N
2651		WG	55		W401	KNEE	06-Jul-2009	N	N	N	N	3	N
2652		WG	83		W371	HIP	07-Jul-2009	N	N	N	N	4	N
2653		HX	68		W381	HIP	07-Jul-2009	N	N	N	N	2	N
2654		WG	58		W401	KNEE	07-Jul-2009	N	N	N	N	2	N
2655		WG	72		W401	KNEE	07-Jul-2009	N	N	N	N	3	N
2656		HX	72		W401	KNEE	07-Jul-2009	N	N	N	N	3	N
2657		NT	71		W401	KNEE	07-Jul-2009	N	N	N	N	4	N
2658		NT	82		W401	KNEE	07-Jul-2009	N	N	N	N	4	N
2659		HX	66		W381	HIP	08-Jul-2009	N	N	N	N	3	N
2660		NT	44		W381	HIP	08-Jul-2009	N	N	N	N	2	N
2661		HX	75		W401	KNEE	08-Jul-2009	N	N	N	N	5	N
2662		WG	72		W371	HIP	09-Jul-2009	N	N	N	N	6	N
2663		WG	81		W371	HIP	09-Jul-2009	N	N	N	N	18	N
2664		WG	87		W371	HIP	09-Jul-2009	N	N	N	N	6	N
2665		HX	78		W371	HIP	09-Jul-2009	N	N	N	N	5	N
2666		WG	82		W401	KNEE	09-Jul-2009	N	N	N	N	2	N
2667		HX	60		W401	KNEE	09-Jul-2009	N	N	N	N	3	N
2668		WG	80		W371	HIP	10-Jul-2009	N	N	N	N	2	N
2669		WG	85		W401	KNEE	10-Jul-2009	N	N	N	N	3	N
2670		WG	80		W401	KNEE	10-Jul-2009	N	N	N	N	27	N
2671		NT	64		W401	KNEE	10-Jul-2009	N	N	N	N	5	N
2672		HX	73		W401	KNEE	10-Jul-2009	N	N	N	N	4	N
2673		WG	50		W401	KNEE	10-Jul-2009	N	N	N	N	3	N
2674		NT	64		W381	HIP	11-Jul-2009	N	N	N	N	4	N
2675		NT	52		W381	HIP	11-Jul-2009	N	N	N	N	4	N
2676		NT	79		W401	KNEE	11-Jul-2009	N	N	N	N	4	N
2677		WG	60		W371	HIP	13-Jul-2009	N	N	N	N	4	N
2678		HX	64		W371	HIP	13-Jul-2009	N	N	N	N	3	N
2679		HX	63		W371	HIP	13-Jul-2009	N	N	N	N	2	N
2680		HX	87		W401	KNEE	13-Jul-2009	N	N	N	N	7	N
2681		HX	69		W401	KNEE	13-Jul-2009	N	N	N	N	2	N
2682		WG	71		W401	KNEE	14-Jul-2009	N	N	N	N	3	N
2683		WG	75		W371	HIP	14-Jul-2009	N	N	N	N	1	N
2684		WG	79		W401	KNEE	14-Jul-2009	N	N	N	N	8	N
2685		NT	79		W401	KNEE	14-Jul-2009	N	N	N	N	5	N
2686		WG	57		W401	KNEE	14-Jul-2009	N	N	N	N	2	N
2687		NT	80		W401	KNEE	14-Jul-2009	N	N	N	N	5	N
2688		WG	83		W401	KNEE	15-Jul-2009	N	N	N	N	43	N
2689		HX	77		W371	HIP	15-Jul-2009	N	N	N	N	8	N
2690		NT	69		W371	HIP	15-Jul-2009	N	N	N	N	4	N
2691		NT	59		W371	HIP	15-Jul-2009	N	N	N	N	3	N
2692		NT	48		W381	HIP	15-Jul-2009	N	N	N	N	3	N
2693		WG	61		W401	KNEE	15-Jul-2009	N	N	N	N	3	N
2694		NT	74		W401	KNEE	15-Jul-2009	N	N	N	N	5	N
2695		WG	61		W401	KNEE	15-Jul-2009	N	N	N	N	2	N
2696		WG	62		W401	KNEE	16-Jul-2009	N	N	N	N	2	N
2697		WG	84		W401	KNEE	16-Jul-2009	N	N	N	N	5	N
2698		NT	88		W371	HIP	16-Jul-2009	N	N	N	N	12	N
2699		WG	63		W371	HIP	16-Jul-2009	N	N	N	N	4	N
2700		WG	80		W371	HIP	17-Jul-2009	N	N	N	N	7	N
2701		WG	70		W371	HIP	17-Jul-2009	N	N	N	N	3	N
2702		HX	62		W381	HIP	17-Jul-2009	N	N	N	N	4	N
2703		WG	65		W401	KNEE	17-Jul-2009	N	N	N	N	2	N
2704		NT	48		W381	HIP	18-Jul-2009	N	N	N	N	3	N
2705		NT	79		W381	HIP	18-Jul-2009	N	N	N	N	7	N
2706		NT	72		W401	KNEE	18-Jul-2009	N	N	N	N	5	N
2707		WG	84		W371	HIP	20-Jul-2009	N	N	N	N	47	N
2708		HX	54		W371	HIP	20-Jul-2009	N	N	N	N	2	N
2709		HX	57		W381	HIP	20-Jul-2009	N	N	N	N	3	N
2710		WG	75		W401	KNEE	20-Jul-2009	N	N	N	N	11	N
2711		WG	60		W401	KNEE	20-Jul-2009	N	N	N	N	4	N
2712		HX	58		W421	KNEE	20-Jul-2009	N	N	N	N	1	N
2713		HX	65		W401	KNEE	20-Jul-2009	N	N	N	N	3	N
2714		HX	59		W401	KNEE	20-Jul-2009	N	N	N	N	2	N
2715		WG	78		W401	KNEE	21-Jul-2009	N	N	N	N	14	N
2716		NT	78		W371	HIP	21-Jul-2009	N	N	N	N	4	N
2717		NT	61		W381	HIP	21-Jul-2009	N	N	N	N	4	N
2718		WG	89		W401	KNEE	21-Jul-2009	N	N	N	N	16	N
2719		WG	67		W401	KNEE	21-Jul-2009	N	N	N	N	2	N
2720		NT	72		W401	KNEE	21-Jul-2009	N	N	N	N	6	N
2721		NT	68		W401	KNEE	21-Jul-2009	N	N	N	N	3	N
2722		NT	67		W401	KNEE	21-Jul-2009	N	N	N	N	4	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2635	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2636	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2637	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2638	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2641	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2642	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2643	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2644	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2645	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2646	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2647	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2648	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2649	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2650	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2652	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2653	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2654	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2656	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2657	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2658	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2659	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2660	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2664	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2665	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2666	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2668	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2669	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2670	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	#NULL!	0	N	
2671	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2672	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	0	0	N	
2673	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2674	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2676	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2678	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2680	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2681	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2682	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2683	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2684	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	1	Y	
2685	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2686	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2687	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2688	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	2	Y	
2689	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2690	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2691	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2692	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2693	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2694	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2695	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2696	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2697	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2698	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2699	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2700	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2701	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	0	0	N	
2702	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2704	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2705	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2706	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2707	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2708	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2709	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2710	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2711	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2712	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2713	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2714	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2715	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2716	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2717	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2718	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2719	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2720	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2721	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2722	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
2635	N		
2636	N		
2637	N		
2638	N		
2639	N		
2640	N		
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2648	N		
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2716	N		
2717	N		
2718	N		
2719	N		
2720	N		
2721	N		
2722	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2723		WG	82		W401	KNEE	21-Jul-2009	N	N	N	N	3	N
2724		WG	83		W371	HIP	22-Jul-2009	N	N	N	N	2	N
2725		NT	81		W381	HIP	22-Jul-2009	N	N	N	N	2	N
2726		NT	72		W401	KNEE	22-Jul-2009	N	N	N	N	7	N
2727		WG	59		W401	KNEE	23-Jul-2009	N	N	N	N	5	N
2728		WG	58		W401	KNEE	23-Jul-2009	N	N	N	N	12	N
2729		HX	62		W401	KNEE	23-Jul-2009	N	N	N	N	4	N
2730		HX	64		W401	KNEE	23-Jul-2009	N	N	N	N	2	N
2731		HX	71		W401	KNEE	23-Jul-2009	N	N	N	N	4	N
2732		HX	57		W381	HIP	24-Jul-2009	N	N	N	N	2	N
2733		HX	87		W401	KNEE	24-Jul-2009	N	N	N	N	4	N
2734		WG	73		W371	HIP	27-Jul-2009	N	N	N	N	4	N
2735		WG	69		W371	HIP	27-Jul-2009	N	N	N	N	5	N
2736		WG	65		W401	KNEE	28-Jul-2009	N	N	N	N	3	N
2737		WG	72		W371	HIP	28-Jul-2009	N	N	N	N	3	N
2738		NT	78		W381	HIP	28-Jul-2009	N	N	N	N	4	N
2739		WG	69		W401	KNEE	28-Jul-2009	N	N	N	N	3	N
2740		WG	67		W401	KNEE	28-Jul-2009	N	N	N	N	2	N
2741		WG	72		W401	KNEE	28-Jul-2009	N	N	N	N	5	N
2742		NT	70		W401	KNEE	28-Jul-2009	N	N	N	N	3	N
2743		NT	77		W381	HIP	29-Jul-2009	N	N	N	N	5	N
2744		HX	67		W401	KNEE	29-Jul-2009	N	N	N	N	5	N
2745		WG	61		W401	KNEE	29-Jul-2009	N	N	N	N	4	N
2746		NT	68		W401	KNEE	29-Jul-2009	N	N	N	N	3	N
2747		WG	62		W401	KNEE	30-Jul-2009	N	N	N	N	2	N
2748		HX	72		W371	HIP	30-Jul-2009	N	N	N	N	2	N
2749		HX	61		W401	KNEE	30-Jul-2009	N	N	N	N	4	N
2750		HX	54		W401	KNEE	30-Jul-2009	N	N	N	N	4	N
2751		WG	67		W401	KNEE	03-Aug-2009	N	N	N	N	2	N
2752		WG	68		W381	HIP	03-Aug-2009	N	N	N	N	3	N
2753		NT	75		W381	HIP	04-Aug-2009	N	N	N	N	5	N
2754		WG	70		W371	HIP	04-Aug-2009	N	N	N	N	3	N
2755		WG	73		W401	KNEE	04-Aug-2009	N	N	N	N	4	N
2756		WG	72		W401	KNEE	04-Aug-2009	N	N	N	N	8	N
2757		NT	79		W401	KNEE	04-Aug-2009	N	N	N	N	7	N
2758		WG	76		W401	KNEE	04-Aug-2009	N	N	N	N	4	N
2759		WG	77		W411	KNEE	04-Aug-2009	N	N	N	N	4	N
2760		HX	61		W371	HIP	05-Aug-2009	N	N	N	N	3	N
2761		WG	84		W401	KNEE	05-Aug-2009	N	N	N	N	13	N
2762		WG	73		W401	KNEE	05-Aug-2009	N	N	N	N	3	N
2763		WG	77		W411	KNEE	05-Aug-2009	N	N	N	N	3	N
2764		NT	72		W401	KNEE	05-Aug-2009	N	N	N	N	5	N
2765		WG	83		W371	HIP	06-Aug-2009	N	N	N	N	4	N
2766		WG	65		W371	HIP	07-Aug-2009	N	N	N	N	5	N
2767		WG	54		W401	KNEE	07-Aug-2009	N	N	N	N	5	N
2768		WG	33		W401	KNEE	07-Aug-2009	N	N	N	N	4	N
2769		HX	48		W371	HIP	10-Aug-2009	N	N	N	N	3	N
2770		WG	44		W401	KNEE	10-Aug-2009	N	N	N	N	4	N
2771		HX	81		W401	KNEE	10-Aug-2009	N	N	N	N	9	N
2772		WG	66		W371	HIP	11-Aug-2009	N	N	N	N	9	N
2773		HX	55		W381	HIP	11-Aug-2009	N	N	N	N	2	N
2774		HX	70		W371	HIP	11-Aug-2009	N	N	N	N	3	N
2775		HX	45		W371	HIP	11-Aug-2009	N	N	N	N	2	N
2776		HX	77		W401	KNEE	11-Aug-2009	N	N	N	N	21	N
2777		WG	70		W401	KNEE	11-Aug-2009	N	N	N	N	2	N
2778		HX	69		W401	KNEE	11-Aug-2009	N	N	N	N	5	N
2779		NT	59		W401	KNEE	11-Aug-2009	N	N	N	N	3	N
2780		NT	86		W401	KNEE	11-Aug-2009	N	N	N	N	5	N
2781		WG	65		W371	HIP	12-Aug-2009	N	N	N	N	3	N
2782		NT	89		W381	HIP	12-Aug-2009	N	N	N	N	2	N
2783		NT	70		W381	HIP	12-Aug-2009	N	N	N	N	2	N
2784		WG	71		W401	KNEE	12-Aug-2009	N	N	N	N	3	N
2785		WG	70		W401	KNEE	12-Aug-2009	N	N	N	N	3	N
2786		NT	76		W401	KNEE	12-Aug-2009	N	N	N	N	5	N
2787		WG	72		W371	HIP	13-Aug-2009	N	N	N	N	3	N
2788		WG	59		W401	KNEE	13-Aug-2009	N	N	N	N	2	N
2789		HX	68		W401	KNEE	13-Aug-2009	N	N	N	N	4	N
2790		HX	67		W401	KNEE	13-Aug-2009	N	N	N	N	3	N
2791		HX	56		W401	KNEE	13-Aug-2009	N	N	N	N	2	N
2792		WG	76		W401	KNEE	14-Aug-2009	N	N	N	N	4	N
2793		WG	79		W401	KNEE	14-Aug-2009	N	N	N	N	5	N
2794		HX	55		W401	KNEE	14-Aug-2009	N	N	N	N	2	N
2795		NT	79		W371	HIP	15-Aug-2009	N	N	N	N	3	N
2796		NT	76		W371	HIP	15-Aug-2009	N	N	N	N	3	N
2797		WG	78		W371	HIP	17-Aug-2009	N	N	N	N	12	N
2798		NT	76		W381	HIP	17-Aug-2009	N	N	N	N	7	N
2799		NT	75		W381	HIP	17-Aug-2009	N	N	N	N	10	N
2800		HX	67		W371	HIP	17-Aug-2009	N	N	N	N	4	N
2801		HX	47		W371	HIP	17-Aug-2009	N	N	N	N	3	N
2802		WG	93		W401	KNEE	17-Aug-2009	N	N	N	N	15	N
2803		WG	60		W401	KNEE	17-Aug-2009	N	N	N	N	3	N
2804		NT	67		W381	HIP	18-Aug-2009	N	N	N	N	7	N
2805		NT	61		W381	HIP	18-Aug-2009	N	N	N	N	5	N
2806		WG	61		W401	KNEE	18-Aug-2009	N	N	N	N	2	N
2807		WG	75		W401	KNEE	18-Aug-2009	N	N	N	N	4	N
2808		NT	77		W401	KNEE	18-Aug-2009	N	N	N	N	6	N
2809		WG	73		W401	KNEE	18-Aug-2009	N	N	N	N	3	N
2810		WG	64		W401	KNEE	18-Aug-2009	N	N	N	N	3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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2724	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2726	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2727	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2728	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2729	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2732	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2733	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2734	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2735	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2736	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2737	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2738	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2741	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2742	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2743	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2744	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2745	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2746	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
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2756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2761	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2762	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2763	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
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2773	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2774	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2779	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2780	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2792	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2793	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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2797	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2798	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
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2800	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2804	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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	AX	AY	AZ	BA	BB	BC	BD	BE
2723	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2724	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2725	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2726	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2727	0	HA06Z	Reconstruction Procedures Category 1					
2728	0	HA06Z	Reconstruction Procedures Category 1					
2729	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2730	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2731	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2732	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2733	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2734	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2735	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2736	0	HA06Z	Reconstruction Procedures Category 1					
2737	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2738	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2739	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2740	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2741	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2742	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2743	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2744	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2745	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2746	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2747	0	HA06Z	Reconstruction Procedures Category 1					
2748	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2749	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2750	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2751	0	HA06Z	Reconstruction Procedures Category 1					
2752	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2753	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
2754	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2755	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2756	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2757	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2758	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2759	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2760	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2761	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2762	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
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2765	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2766	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2767	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2768	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2769	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2770	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2771	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2772	0	HA05Z	Reconstruction Procedures Category 2					
2773	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2774	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2775	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2776	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
2777	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2778	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2779	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2780	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2781	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2782	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2783	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2784	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2785	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2786	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2787	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
2788	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2789	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2790	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
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2792	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
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2800	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2801	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
2802	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2803	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2804	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2805	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
2806	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2807	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2808	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
2809	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
2810	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					

	BF	BG	BH
2723	N		
2724	N		
2725	N		
2726	N		
2727	N		
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2759	YES 05/09/09	Klebsiella Oxytoca	
2760	N		
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2800	N		
2801	N		
2802	N		
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2810	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2811		WG	46		W401	KNEE	18-Aug-2009	N	N	N	N	2	N
2812		NT	54		W401	KNEE	18-Aug-2009	N	N	N	N	12	N
2813		HX	76		W371	HIP	19-Aug-2009	N	N	N	N	6	N
2814		NT	60		W381	HIP	19-Aug-2009	N	N	N	N	4	N
2815		WG	66		W401	KNEE	19-Aug-2009	N	N	N	N	5	N
2816		NT	68		W401	KNEE	19-Aug-2009	N	N	N	N	3	N
2817		WG	68		W401	KNEE	19-Aug-2009	N	N	N	N	2	N
2818		WG	67		W401	KNEE	19-Aug-2009	N	N	N	N	2	N
2819		NT	54		W401	KNEE	19-Aug-2009	N	N	N	N	2	N
2820		WG	65		W371	HIP	20-Aug-2009	N	N	N	N	14	N
2821		WG	64		W371	HIP	20-Aug-2009	N	N	N	N	4	N
2822		WG	77		W371	HIP	20-Aug-2009	N	N	N	N	4	N
2823		HX	59		W381	HIP	20-Aug-2009	N	N	N	N	3	N
2824		WG	63		W401	KNEE	21-Aug-2009	N	N	N	N	6	N
2825		HX	64		W401	KNEE	21-Aug-2009	N	N	N	N	3	N
2826		WG	73		W401	KNEE	21-Aug-2009	N	N	N	N	7	N
2827		NT	85		W371	HIP	24-Aug-2009	N	N	N	N	16	N
2828		WG	73		W371	HIP	24-Aug-2009	N	N	N	N	2	N
2829		WG	78		W401	KNEE	24-Aug-2009	N	N	N	N	3	N
2830		WG	63		W401	KNEE	24-Aug-2009	N	N	N	N	3	N
2831		WG	54		W401	KNEE	24-Aug-2009	N	N	N	N	2	N
2832		WG	80		W371	HIP	25-Aug-2009	N	N	N	N	9	N
2833		WG	58		W371	HIP	25-Aug-2009	N	N	N	N	5	N
2834		WG	62		W401	KNEE	25-Aug-2009	N	N	N	N	2	N
2835		WG	53		W401	KNEE	25-Aug-2009	N	N	N	N	11	N
2836		WG	76		W401	KNEE	25-Aug-2009	N	N	N	N	5	N
2837		HX	61		W381	HIP	26-Aug-2009	N	N	N	N	3	N
2838		NT	73		W381	HIP	26-Aug-2009	N	N	N	N	3	N
2839		NT	70		W401	KNEE	26-Aug-2009	N	N	N	N	5	N
2840		HX	66		W401	KNEE	26-Aug-2009	N	N	N	N	3	N
2841		HX	60		W401	KNEE	26-Aug-2009	N	N	N	N	1	N
2842		HX	73		W371	HIP	27-Aug-2009	N	N	N	N	3	N
2843		WG	87		W401	KNEE	27-Aug-2009	N	N	N	N	18	N
2844		HX	76		W401	KNEE	27-Aug-2009	N	N	N	N	3	N
2845		HX	64		W401	KNEE	27-Aug-2009	N	N	N	N	4	N
2846		HX	59		W401	KNEE	27-Aug-2009	N	N	N	N	4	N
2847		WG	65		W371	HIP	28-Aug-2009	N	N	N	N	8	N
2848		WG	77		W371	HIP	28-Aug-2009	N	N	N	N	5	N
2849		WG	74		W371	HIP	28-Aug-2009	N	N	N	N	2	N
2850		NT	80		W401	KNEE	28-Aug-2009	N	N	N	N	6	N
2851		WG	81		W401	KNEE	28-Aug-2009	N	N	N	N	5	N
2852		WG	78		W401	KNEE	28-Aug-2009	N	N	N	N	5	N
2853		WG	71		W401	KNEE	28-Aug-2009	N	N	N	N	6	N
2854		NT	73		W401	KNEE	28-Aug-2009	N	N	N	N	7	N
2855		WG	76		W371	HIP	01-Sep-2009	N	N	N	N	9	N
2856		WG	77		W371	HIP	01-Sep-2009	N	N	N	N	24	N
2857		WG	41		W381	HIP	01-Sep-2009	N	N	N	N	4	N
2858		HX	65		W371	HIP	01-Sep-2009	N	N	N	N	2	N
2859		WG	58		W401	KNEE	01-Sep-2009	N	N	N	N	3	N
2860		WG	70		W401	KNEE	01-Sep-2009	N	N	N	N	3	N
2861		HX	81		W401	KNEE	01-Sep-2009	N	N	N	N	3	N
2862		WG	64		W401	KNEE	02-Sep-2009	N	N	N	N	2	N
2863		NT	69		W401	KNEE	02-Sep-2009	N	N	N	N	5	N
2864		NT	63		W401	KNEE	02-Sep-2009	N	N	N	N	6	N
2865		WG	64		W401	KNEE	02-Sep-2009	N	N	N	N	3	N
2866		WG	74		W401	KNEE	02-Sep-2009	N	N	N	N	3	N
2867		HX	68		W401	KNEE	02-Sep-2009	N	N	N	N	3	N
2868		HX	78		W401	KNEE	02-Sep-2009	N	N	N	N	3	N
2869		NT	74		W401	KNEE	02-Sep-2009	N	N	N	N	6	N
2870		WG	57		W371	HIP	03-Sep-2009	N	N	N	N	11	N
2871		WG	61		W371	HIP	03-Sep-2009	N	N	N	N	2	N
2872		HX	65		W371	HIP	03-Sep-2009	N	N	N	N	4	N
2873		HX	70		W401	KNEE	03-Sep-2009	N	N	N	N	4	N
2874		HX	61		W371	HIP	04-Sep-2009	N	N	N	N	3	N
2875		NT	32		W381	HIP	04-Sep-2009	N	N	N	N	2	N
2876		NT	60		W401	KNEE	04-Sep-2009	N	N	N	N	15	N
2877		NT	59		W401	KNEE	04-Sep-2009	N	N	N	N	10	N
2878		NT	63		W401	KNEE	04-Sep-2009	N	N	N	N	17	N
2879		NT	78		W401	KNEE	04-Sep-2009	N	N	N	N	8	N
2880		WG	78		W401	KNEE	04-Sep-2009	N	N	N	N	5	N
2881		NT	30		W381	HIP	05-Sep-2009	N	N	N	N	2	N
2882		NT	39		W381	HIP	05-Sep-2009	N	N	N	N	3	N
2883		HX	81		W371	HIP	07-Sep-2009	N	N	N	N	11	N
2884		WG	63		W371	HIP	07-Sep-2009	N	N	N	N	4	N
2885		HX	79		W401	KNEE	07-Sep-2009	N	N	N	N	10	N
2886		WG	78		W401	KNEE	07-Sep-2009	N	N	N	N	4	N
2887		WG	75		W401	KNEE	07-Sep-2009	N	N	N	N	4	N
2888		HX	81		W401	KNEE	07-Sep-2009	N	N	N	N	2	N
2889		NT	79		W371	HIP	08-Sep-2009	N	N	N	N	15	N
2890		WG	76		W401	KNEE	08-Sep-2009	N	N	N	N	8	N
2891		WG	69		W401	KNEE	08-Sep-2009	N	N	N	N	3	N
2892		HX	33		W381	HIP	09-Sep-2009	N	N	N	N	2	N
2893		NT	69		W401	KNEE	09-Sep-2009	N	N	N	N	7	N
2894		WG	73		W401	KNEE	09-Sep-2009	N	N	N	N	5	N
2895		HX	89		W401	KNEE	09-Sep-2009	N	N	N	N	4	N
2896		WG	66		W371	HIP	10-Sep-2009	N	N	N	N	4	N
2897		WG	73		W401	KNEE	11-Sep-2009	N	N	N	N	3	N
2898		WG	72		W401	KNEE	11-Sep-2009	N	N	N	N	4	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2812	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2813	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2814	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2820	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
2821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2823	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2824	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2826	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2827	N	Y	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	Y	Y
2828	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2829	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2830	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2832	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2833	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2834	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2836	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2839	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2840	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2842	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2843	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
2844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2845	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2846	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2847	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2848	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2849	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2850	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2853	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2854	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2855	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2856	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2857	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2858	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2859	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2860	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2862	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2863	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2864	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2865	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2866	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
2867	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2868	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2869	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N	Y	N	N
2870	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2871	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2872	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2873	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
2874	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2875	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2876	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2877	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	Y
2878	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
2879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2880	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2881	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2882	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2883	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2884	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2885	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	Y	Y
2886	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2887	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2888	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2889	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	N	N
2890	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2891	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2892	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2893	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2894	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2895	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2896	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2897	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2898	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2812	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
2813	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2814	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2816	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2818	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2820	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2823	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	0	N	
2824	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2826	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2827	N	N	N	N	N	N	N	N	Y	N	N	N	N	Y	49	1	N	
2828	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2829	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2830	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2832	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2833	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2834	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2836	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
2837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	EC69
2839	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2840	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2841	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2842	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2843	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2845	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2846	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2847	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	
2848	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2849	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2850	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2853	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2854	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2855	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	5	0	N	
2856	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	#NULL!	0	N	
2857	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2858	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2859	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2860	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	6	0	N	
2861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2862	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2863	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2864	N	N	N	N	Y	Y	N	N	N	N	N	N	N	Y	4	0	Y	
2865	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2866	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2867	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2868	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2869	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2870	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2871	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2872	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2873	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2874	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2875	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2876	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
2877	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2878	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2880	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2881	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2882	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2883	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2884	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2885	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2886	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2887	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2888	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2889	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2890	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
2891	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2892	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2893	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2894	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2895	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2896	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2897	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2898	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
2811	N		
2812	N		
2813	N		
2814	N		
2815	N		
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2884	N		
2885	N		
2886	N		
2887	N		
2888	N		
2889	N		
2890	N		
2891	N		
2892	N		
2893	N		
2894	YES 24/10/09	Staph Aureus	
2895	N		
2896	N		
2897	N		
2898	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2899		WG	57		W401	KNEE	11-Sep-2009	N	N	N	N	3	N
2900		NT	71		W381	HIP	12-Sep-2009	N	N	N	N	3	N
2901		NT	75		W381	HIP	12-Sep-2009	N	N	N	N	4	N
2902		NT	53		W401	KNEE	12-Sep-2009	N	N	N	N	3	N
2903		NT	71		W371	HIP	14-Sep-2009	N	N	N	N	4	N
2904		WG	72		W371	HIP	14-Sep-2009	N	N	N	N	6	N
2905		HX	61		W371	HIP	14-Sep-2009	N	N	N	N	2	N
2906		HX	68		W371	HIP	14-Sep-2009	N	N	N	N	4	N
2907		HX	73		W401	KNEE	14-Sep-2009	N	N	N	N	10	N
2908		WG	59		W421	KNEE	14-Sep-2009	N	N	N	N	1	N
2909		HX	62		W401	KNEE	14-Sep-2009	N	N	N	N	3	N
2910		HX	74		W401	KNEE	14-Sep-2009	N	N	N	N	2	N
2911		NT	79		W371	HIP	15-Sep-2009	N	N	N	N	6	N
2912		NT	58		W381	HIP	15-Sep-2009	N	N	N	N	4	N
2913		WG	68		W401	KNEE	15-Sep-2009	N	N	N	N	3	N
2914		NT	87		W401	KNEE	15-Sep-2009	N	N	N	N	18	N
2915		WG	70		W401	KNEE	15-Sep-2009	N	N	N	N	6	N
2916		HX	69		W401	KNEE	15-Sep-2009	N	N	N	N	2	N
2917		HX	60		W401	KNEE	15-Sep-2009	N	N	N	N	6	N
2918		NT	77		W401	KNEE	15-Sep-2009	N	N	N	N	6	N
2919		WG	66		W401	KNEE	15-Sep-2009	N	N	N	N	2	N
2920		NT	75		W381	HIP	16-Sep-2009	N	N	N	N	8	N
2921		NT	82		W371	HIP	16-Sep-2009	N	N	N	N	12	N
2922		NT	64		W381	HIP	16-Sep-2009	N	N	N	N	2	N
2923		WG	74		W401	KNEE	16-Sep-2009	N	N	N	N	40	N
2924		WG	72		W401	KNEE	16-Sep-2009	N	N	N	N	2	N
2925		HX	69		W421	KNEE	16-Sep-2009	N	N	N	N	1	N
2926		HX	75		W401	KNEE	16-Sep-2009	N	N	N	N	5	N
2927		NT	68		W401	KNEE	16-Sep-2009	N	N	N	N	9	N
2928		NT	76		W401	KNEE	16-Sep-2009	N	N	N	N	7	N
2929		WG	63		W401	KNEE	16-Sep-2009	N	N	N	N	2	N
2930		HX	73		W401	KNEE	16-Sep-2009	N	N	N	N	4	N
2931		WG	78		W371	HIP	17-Sep-2009	N	N	N	N	12	N
2932		WG	87		W401	KNEE	17-Sep-2009	N	N	N	N	7	N
2933		WG	70		W401	KNEE	17-Sep-2009	N	N	N	N	4	N
2934		WG	76		W401	KNEE	17-Sep-2009	N	N	N	N	2	N
2935		HX	78		W401	KNEE	17-Sep-2009	N	N	N	N	4	N
2936		HX	71		W381	HIP	18-Sep-2009	N	N	N	N	3	N
2937		WG	53		W371	HIP	18-Sep-2009	N	N	N	N	3	N
2938		WG	70		W401	KNEE	18-Sep-2009	N	N	N	N	4	N
2939		HX	61		W401	KNEE	18-Sep-2009	N	N	N	N	3	N
2940		NT	69		W381	HIP	19-Sep-2009	N	N	N	N	3	N
2941		NT	74		W381	HIP	19-Sep-2009	N	N	N	N	5	N
2942		NT	71		W401	KNEE	19-Sep-2009	N	N	N	N	4	N
2943		WG	66		W371	HIP	21-Sep-2009	N	N	N	N	4	N
2944		HX	83		W371	HIP	21-Sep-2009	N	N	N	N	4	N
2945		WG	69		W371	HIP	21-Sep-2009	N	N	N	N	3	N
2946		NT	42		W381	HIP	21-Sep-2009	N	N	N	N	2	N
2947		HX	60		W401	KNEE	21-Sep-2009	N	N	N	N	2	N
2948		HX	81		W401	KNEE	21-Sep-2009	N	N	N	N	7	N
2949		WG	80		W401	KNEE	22-Sep-2009	N	N	N	N	2	N
2950		NT	49		W381	HIP	22-Sep-2009	N	N	N	N	3	N
2951		WG	71		W371	HIP	22-Sep-2009	N	N	N	N	2	N
2952		WG	67		W371	HIP	22-Sep-2009	N	N	N	N	3	N
2953		WG	67		W371	HIP	22-Sep-2009	N	N	N	N	3	N
2954		HX	59		W381	HIP	22-Sep-2009	N	N	N	N	2	N
2955		NT	85		W381	HIP	22-Sep-2009	N	N	N	N	5	N
2956		WG	74		W401	KNEE	22-Sep-2009	N	N	N	N	5	N
2957		NT	67		W401	KNEE	22-Sep-2009	N	N	N	N	6	N
2958		WG	71		W401	KNEE	22-Sep-2009	N	N	N	N	2	N
2959		NT	58		W401	KNEE	22-Sep-2009	N	N	N	N	4	N
2960		HX	65		W371	HIP	23-Sep-2009	N	N	N	N	2	N
2961		WG	58		W371	HIP	24-Sep-2009	N	N	N	N	4	N
2962		WG	69		W371	HIP	24-Sep-2009	N	N	N	N	3	N
2963		WG	60		W371	HIP	24-Sep-2009	N	N	N	N	2	N
2964		HX	80		W371	HIP	24-Sep-2009	N	N	N	N	4	N
2965		WG	80		W401	KNEE	24-Sep-2009	N	N	N	N	4	N
2966		HX	62		W401	KNEE	24-Sep-2009	N	N	N	N	2	N
2967		WG	61		W381	HIP	25-Sep-2009	N	N	N	N	2	N
2968		HX	57		W381	HIP	25-Sep-2009	N	N	N	N	2	N
2969		WG	77		W401	KNEE	25-Sep-2009	N	N	N	N	3	N
2970		WG	64		W401	KNEE	25-Sep-2009	N	N	N	N	6	N
2971		HX	74		W401	KNEE	25-Sep-2009	N	N	N	N	3	N
2972		NT	71		W371	HIP	26-Sep-2009	N	N	N	N	7	N
2973		NT	92		W401	KNEE	26-Sep-2009	N	N	N	N	7	N
2974		NT	60		W401	KNEE	26-Sep-2009	N	N	N	N	6	N
2975		WG	62		W371	HIP	28-Sep-2009	N	N	N	N	4	N
2976		WG	63		W371	HIP	28-Sep-2009	N	N	N	N	7	N
2977		HX	75		W371	HIP	28-Sep-2009	N	N	N	N	4	N
2978		WG	91		W371	HIP	28-Sep-2009	N	N	N	N	3	N
2979		HX	62		W381	HIP	28-Sep-2009	N	N	N	N	3	N
2980		HX	63		W381	HIP	28-Sep-2009	N	N	N	N	1	N
2981		WG	69		W401	KNEE	28-Sep-2009	N	N	N	N	5	N
2982		NT	65		W381	HIP	29-Sep-2009	N	N	N	N	5	N
2983		WG	35		W371	HIP	29-Sep-2009	N	N	N	N	5	N
2984		WG	64		W401	KNEE	29-Sep-2009	N	N	N	N	4	N
2985		WG	83		W401	KNEE	29-Sep-2009	N	N	N	N	9	N
2986		WG	55		W401	KNEE	29-Sep-2009	N	N	N	N	4	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2899	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2900	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2901	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2902	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2904	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2905	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2906	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2907	N	N	N	N	N	N	Y	N	N	Y	N	N	N	N	N	N	Y	N
2908	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2909	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2910	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2911	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2913	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2914	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2915	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2916	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2919	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2921	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2922	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2923	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
2924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2926	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2928	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2929	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2930	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2931	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2932	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N
2933	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2934	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2935	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2936	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2937	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2938	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2941	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2942	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
2943	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2944	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2947	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
2948	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2949	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
2958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2962	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2965	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2968	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2969	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2973	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2974	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2975	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2981	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2982	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N
2983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2984	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
2986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2899	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2900	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2901	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2902	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2904	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2905	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2906	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2907	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2908	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
2909	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2910	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2911	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2913	N	N	Y	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	0	N	
2914	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2915	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2916	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2919	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2921	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2922	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2923	N	N	Y	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	Y	
2924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2927	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2928	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2929	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2930	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2931	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
2932	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2933	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
2934	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2935	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2936	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2937	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	0	N	
2938	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2941	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2942	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2943	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2944	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2947	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2948	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2949	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
2957	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2958	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	0	N	
2959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2961	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2962	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	3	0	N	
2963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2964	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	4	0	N	
2965	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2968	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2969	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2970	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2973	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
2974	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
2975	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2981	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	15	0	N	
2982	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2984	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
2899	N		
2900	N		
2901	N		
2902	N		
2903	N		
2904	N		
2905	N		
2906	N		
2907	N		
2908	N		
2909	N		
2910	N		
2911	N		
2912	N		
2913	N		
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2918	N		
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2950	N		
2951	N		
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2959	N		
2960	N		
2961	N		
2962	N		
2963	N		
2964	N		
2965	N		
2966	N		
2967	N		
2968	N		
2969	N		
2970	N		
2971	N		
2972	N		
2973	N		
2974	YES	Morganella morganii	
2975	N		
2976	N		
2977	N		
2978	N		
2979	N		
2980	N		
2981	YES 21/10/09	Coliforms	
2982	N		
2983	N		
2984	N		
2985	N		
2986	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
2987		WG	77		W401	KNEE	29-Sep-2009	N	N	N	N	5 N	
2988		HX	79		W401	KNEE	29-Sep-2009	N	N	N	N	3 N	
2989		HX	52		W401	KNEE	29-Sep-2009	N	N	N	N	2 N	
2990		NT	82		W371	HIP	30-Sep-2009	N	N	N	N	10 N	
2991		HX	74		W371	HIP	30-Sep-2009	N	N	N	N	3 N	
2992		NT	60		W371	HIP	30-Sep-2009	N	N	N	N	8 N	
2993		HX	48		W381	HIP	30-Sep-2009	N	N	N	N	4 N	
2994		NT	76		W401	KNEE	30-Sep-2009	N	N	N	N	13 N	
2995		WG	80		W401	KNEE	30-Sep-2009	N	N	N	N	6 N	
2996		WG	61		W401	KNEE	30-Sep-2009	N	N	N	N	2 N	
2997		NT	84		W401	KNEE	30-Sep-2009	N	N	N	N	2 N	
2998		WG	72		W401	KNEE	30-Sep-2009	N	N	N	N	5 N	
2999		WG	77		W371	HIP	01-Oct-2009	N	N	N	N	21 N	
3000		WG	79		W371	HIP	01-Oct-2009	N	N	N	N	8 N	
3001		WG	89		W401	KNEE	01-Oct-2009	N	N	N	N	6 N	
3002		NT	79		W371	HIP	02-Oct-2009	N	N	N	N	11 N	
3003		WG	77		W371	HIP	02-Oct-2009	N	N	N	N	6 N	
3004		WG	60		W371	HIP	02-Oct-2009	N	N	N	N	3 N	
3005		WG	49		W371	HIP	02-Oct-2009	N	N	N	N	3 N	
3006		HX	73		W381	HIP	02-Oct-2009	N	N	N	N	3 N	
3007		HX	75		W371	HIP	02-Oct-2009	N	N	N	N	3 N	
3008		WG	74		W371	HIP	02-Oct-2009	N	N	N	N	6 N	
3009		NT	40		W381	HIP	02-Oct-2009	N	N	N	N	3 N	
3010		HX	76		W371	HIP	02-Oct-2009	N	N	N	N	3 N	
3011		WG	82		W401	KNEE	02-Oct-2009	N	N	N	N	5 N	
3012		NT	77		W411	KNEE	02-Oct-2009	N	N	N	N	10 N	
3013		HX	69		W401	KNEE	02-Oct-2009	N	N	N	N	4 N	
3014		HX	63		W401	KNEE	02-Oct-2009	N	N	N	N	3 N	
3015		NT	70		W381	HIP	03-Oct-2009	N	N	N	N	5 N	
3016		NT	76		W381	HIP	03-Oct-2009	N	N	N	N	6 N	
3017		NT	86		W401	KNEE	03-Oct-2009	N	N	N	N	17 N	
3018		NT	83		W401	KNEE	03-Oct-2009	N	N	N	N	17 N	
3019		WG	75		W371	HIP	05-Oct-2009	N	N	N	N	45 N	
3020		WG	88		W401	KNEE	05-Oct-2009	N	N	N	N	11 N	
3021		WG	82		W401	KNEE	05-Oct-2009	N	N	N	N	4 N	
3022		WG	74		W401	KNEE	05-Oct-2009	N	N	N	N	6 N	
3023		WG	71		W401	KNEE	05-Oct-2009	N	N	N	N	3 N	
3024		WG	62		W371	HIP	06-Oct-2009	N	N	N	N	2 N	
3025		WG	69		W371	HIP	06-Oct-2009	N	N	N	N	4 N	
3026		NT	69		W381	HIP	06-Oct-2009	N	N	N	N	5 N	
3027		NT	74		W381	HIP	06-Oct-2009	N	N	N	N	5 N	
3028		HX	64		W381	HIP	06-Oct-2009	N	N	N	N	1 N	
3029		HX	62		W381	HIP	06-Oct-2009	N	N	N	N	2 N	
3030		WG	51		W401	KNEE	06-Oct-2009	N	N	N	N	3 N	
3031		NT	60		W401	KNEE	06-Oct-2009	N	N	N	N	3 N	
3032		HX	70		W401	KNEE	06-Oct-2009	N	N	N	N	3 N	
3033		NT	77		W381	HIP	07-Oct-2009	N	N	N	N	5 N	
3034		NT	73		W371	HIP	07-Oct-2009	N	N	N	N	6 N	
3035		NT	71		W401	KNEE	07-Oct-2009	N	N	N	N	7 N	
3036		WG	75		W401	KNEE	07-Oct-2009	N	N	N	N	10 N	
3037		WG	61		W401	KNEE	07-Oct-2009	N	N	N	N	3 N	
3038		WG	73		W371	HIP	08-Oct-2009	N	N	N	N	3 N	
3039		NT	74		W371	HIP	08-Oct-2009	N	N	N	N	5 N	
3040		WG	57		W401	KNEE	08-Oct-2009	N	N	N	N	2 N	
3041		NT	50		W371	HIP	09-Oct-2009	N	N	N	N	4 N	
3042		WG	78		W401	KNEE	09-Oct-2009	N	N	N	N	17 N	
3043		WG	85		W401	KNEE	09-Oct-2009	N	N	N	N	5 N	
3044		WG	79		W401	KNEE	09-Oct-2009	N	N	N	N	3 N	
3045		WG	76		W401	KNEE	09-Oct-2009	N	N	N	N	6 N	
3046		NT	75		W401	KNEE	09-Oct-2009	N	N	N	N	7 N	
3047		HX	57		W401	KNEE	09-Oct-2009	N	N	N	N	3 N	
3048		NT	63		W401	KNEE	09-Oct-2009	N	N	N	N	3 N	
3049		WG	73		W401	KNEE	09-Oct-2009	N	N	N	N	3 N	
3050		HX	75		W401	KNEE	09-Oct-2009	N	N	N	N	4 N	
3051		WG	82		W401	KNEE	10-Oct-2009	N	N	N	N	5 N	
3052		WG	73		W401	KNEE	10-Oct-2009	N	N	N	N	2 N	
3053		NT	67		W401	KNEE	10-Oct-2009	N	N	N	N	4 N	
3054		NT	58		W401	KNEE	10-Oct-2009	N	N	N	N	2 N	
3055		WG	80		W371	HIP	12-Oct-2009	N	N	N	N	3 N	
3056		HX	66		W371	HIP	12-Oct-2009	N	N	N	N	1 N	
3057		HX	72		W371	HIP	12-Oct-2009	N	N	N	N	3 N	
3058		NT	74		W371	HIP	12-Oct-2009	N	N	N	N	3 N	
3059		WG	62		W401	KNEE	12-Oct-2009	N	N	N	N	3 N	
3060		WG	70		W401	KNEE	12-Oct-2009	N	N	N	N	2 N	
3061		HX	73		W401	KNEE	12-Oct-2009	N	N	N	N	2 N	
3062		NT	66		W381	HIP	13-Oct-2009	N	N	N	N	5 N	
3063		WG	64		W371	HIP	13-Oct-2009	N	N	N	N	2 N	
3064		HX	78		W371	HIP	13-Oct-2009	N	N	N	N	2 N	
3065		WG	79		W371	HIP	13-Oct-2009	N	N	N	N	4 N	
3066		WG	88		W371	HIP	13-Oct-2009	N	N	N	N	15 N	
3067		HX	58		W371	HIP	13-Oct-2009	N	N	N	N	2 N	
3068		NT	81		W401	KNEE	13-Oct-2009	N	N	N	N	11 N	
3069		WG	33		W401	KNEE	13-Oct-2009	N	N	N	N	5 N	
3070		HX	76		W401	KNEE	13-Oct-2009	N	N	N	N	2 N	
3071		HX	79		W401	KNEE	13-Oct-2009	N	N	N	N	3 N	
3072		WG	68		W401	KNEE	13-Oct-2009	N	N	N	N	2 N	
3073		HX	60		W401	KNEE	13-Oct-2009	N	N	N	N	2 N	

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
2987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2993	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2994	N	N	N	N	N	N	N	Y	N	N	Y	N	N	N	N	N	N	N
2995	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
2996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
2999	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3002	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	N	N
3003	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3005	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3006	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3015	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N
3016	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3017	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3018	N	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	Y	Y	N
3019	N	N	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	Y	N	Y
3020	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
3021	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3022	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3023	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3024	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3025	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3026	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3027	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3028	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3029	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3030	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3031	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3032	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3033	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3034	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3035	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	Y	Y
3036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3037	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3038	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3039	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3040	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3041	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3042	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
3043	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3044	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3045	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3046	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3047	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3048	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3049	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3050	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3051	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3052	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3053	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3054	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3055	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3059	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3060	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3061	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3062	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3064	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3065	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3066	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3067	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3068	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3069	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3071	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3073	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
2987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
2991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2992	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2993	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2995	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2996	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2997	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
2998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
2999	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	Y	E669
3000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3001	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3002	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3003	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3005	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3006	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3015	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3016	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3017	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3018	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	Y	E669
3019	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3020	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3021	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
3022	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3023	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3024	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3025	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3026	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3027	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3028	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3029	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3030	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3031	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3032	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3033	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3034	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3035	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3037	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3038	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3039	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3040	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3041	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3042	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3043	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3044	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3045	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3046	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3047	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3048	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3049	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3050	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3051	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3052	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
3053	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3054	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3055	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3059	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3060	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3061	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
3062	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3064	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3065	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3066	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3067	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3068	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
3069	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3071	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3072	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3073	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	RH
2987	N		
2988	N		
2989	N		
2990	N		
2991	N		
2992	N		
2993	N		
2994	N		
2995	N		
2996	N		
2997	N		
2998	N		
2999	N		
3000	N		
3001	N		
3002	N		
3003	N		
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3009	N		
3010	N		
3011	N		
3012	N		
3013	N		
3014	N		
3015	N		
3016	N		
3017	N		
3018	N		
3019	N		
3020	N		
3021	N		
3022	N		
3023	N		
3024	YES 22/10/09	Staph. Epidermidis & Staph. Hominis - both coag neg staph	
3025	YES 19/10/09	Staph. Epidermidis & Staph. Lugdunensis	
3026	N		
3027	N		
3028	N		
3029	N		
3030	N		
3031	N		
3032	N		
3033	N		
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3035	N		
3036	N		
3037	N		
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3065	N		
3066	N		
3067	N		
3068	N		
3069	N		
3070	N		
3071	N		
3072	N		
3073	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3074		NT	70		W381	HIP	14-Oct-2009	N	N	N	N	4	N
3075		NT	29		W371	HIP	14-Oct-2009	N	N	N	N	12	N
3076		WG	75		W371	HIP	14-Oct-2009	N	N	N	N	5	N
3077		NT	94		W371	HIP	14-Oct-2009	N	N	N	N	17	N
3078		HX	63		W371	HIP	14-Oct-2009	N	N	N	N	19	N
3079		WG	71		W401	KNEE	14-Oct-2009	N	N	N	N	5	N
3080		NT	76		W401	KNEE	14-Oct-2009	N	N	N	N	4	N
3081		NT	62		W401	KNEE	14-Oct-2009	N	N	N	N	4	N
3082		WG	75		W401	KNEE	14-Oct-2009	N	N	N	N	2	N
3083		HX	82		W401	KNEE	14-Oct-2009	N	N	N	N	2	N
3084		WG	79		W371	HIP	15-Oct-2009	N	N	N	N	10	N
3085		HX	61		W381	HIP	15-Oct-2009	N	N	N	N	4	N
3086		WG	61		W371	HIP	15-Oct-2009	N	N	N	N	3	N
3087		WG	79		W371	HIP	15-Oct-2009	N	N	N	N	5	N
3088		NT	89		W401	KNEE	15-Oct-2009	N	N	N	N	14	N
3089		WG	73		W401	KNEE	15-Oct-2009	N	N	N	N	4	N
3090		HX	59		W371	HIP	16-Oct-2009	N	N	N	N	3	N
3091		WG	56		W401	KNEE	16-Oct-2009	N	N	N	N	4	N
3092		WG	69		W401	KNEE	16-Oct-2009	N	N	N	N	5	N
3093		WG	77		W401	KNEE	16-Oct-2009	N	N	N	N	7	N
3094		WG	68		W401	KNEE	16-Oct-2009	N	N	N	N	2	N
3095		NT	68		W401	KNEE	16-Oct-2009	N	N	N	N	6	N
3096		HX	71		W401	KNEE	16-Oct-2009	N	N	N	N	4	N
3097		HX	77		W401	KNEE	16-Oct-2009	N	N	N	N	4	N
3098		HX	49		W401	KNEE	16-Oct-2009	N	N	N	N	3	N
3099		HX	68		W401	KNEE	16-Oct-2009	N	N	N	N	3	N
3100		HX	70		W401	KNEE	16-Oct-2009	N	N	N	N	4	N
3101		WG	63		W371	HIP	19-Oct-2009	N	N	N	N	4	N
3102		HX	81		W401	KNEE	19-Oct-2009	N	N	N	N	3	N
3103		WG	71		W401	KNEE	19-Oct-2009	N	N	N	N	4	N
3104		WG	66		W401	KNEE	19-Oct-2009	N	N	N	N	2	N
3105		WG	47		W401	KNEE	20-Oct-2009	N	N	N	N	2	N
3106		WG	74		W371	HIP	20-Oct-2009	N	N	N	N	3	N
3107		NT	63		W381	HIP	20-Oct-2009	N	N	N	N	2	N
3108		WG	71		W371	HIP	20-Oct-2009	N	N	N	N	8	N
3109		WG	79		W371	HIP	20-Oct-2009	N	N	N	N	8	N
3110		WG	67		W371	HIP	20-Oct-2009	N	N	N	N	2	N
3111		NT	63		W371	HIP	20-Oct-2009	N	N	N	N	5	N
3112		HX	62		W371	HIP	20-Oct-2009	N	N	N	N	2	N
3113		WG	80		W401	KNEE	20-Oct-2009	N	N	N	N	6	N
3114		WG	61		W401	KNEE	20-Oct-2009	N	N	N	N	3	N
3115		NT	68		W401	KNEE	20-Oct-2009	N	N	N	N	9	N
3116		NT	42		W381	HIP	21-Oct-2009	N	N	N	N	4	N
3117		WG	74		W371	HIP	21-Oct-2009	N	N	N	N	12	N
3118		WG	81		W371	HIP	21-Oct-2009	N	N	N	N	4	N
3119		HX	73		W371	HIP	21-Oct-2009	N	N	N	N	2	N
3120		WG	78		W401	KNEE	21-Oct-2009	N	N	N	N	9	N
3121		NT	55		W401	KNEE	21-Oct-2009	N	N	N	N	10	N
3122		NT	70		W401	KNEE	21-Oct-2009	N	N	N	N	6	N
3123		HX	70		W401	KNEE	21-Oct-2009	N	N	N	N	2	N
3124		WG	53		W401	KNEE	21-Oct-2009	N	N	N	N	2	N
3125		WG	79		W371	HIP	22-Oct-2009	N	N	N	N	3	N
3126		NT	58		W381	HIP	22-Oct-2009	N	N	N	N	2	N
3127		WG	82		W371	HIP	22-Oct-2009	N	N	N	N	5	N
3128		WG	84		W371	HIP	22-Oct-2009	N	N	N	N	6	N
3129		WG	65		W371	HIP	22-Oct-2009	N	N	N	N	7	N
3130		HX	51		W381	HIP	22-Oct-2009	N	N	N	N	2	N
3131		HX	72		W371	HIP	22-Oct-2009	N	N	N	N	6	N
3132		WG	69		W401	KNEE	22-Oct-2009	N	N	N	N	4	N
3133		NT	56		W381	HIP	23-Oct-2009	N	N	N	N	2	N
3134		HX	73		W371	HIP	23-Oct-2009	N	N	N	N	5	N
3135		WG	79		W371	HIP	23-Oct-2009	N	N	N	N	5	N
3136		HX	78		W401	KNEE	23-Oct-2009	N	N	N	N	4	N
3137		NT	72		W401	KNEE	23-Oct-2009	N	N	N	N	3	N
3138		HX	69		W401	KNEE	23-Oct-2009	N	N	N	N	3	N
3139		NT	68		W401	KNEE	24-Oct-2009	N	N	N	N	4	N
3140		NT	72		W401	KNEE	24-Oct-2009	N	N	N	N	5	N
3141		WG	80		W371	HIP	26-Oct-2009	N	N	N	N	21	N
3142		HX	63		W381	HIP	26-Oct-2009	N	N	N	N	2	N
3143		WG	84		W401	KNEE	26-Oct-2009	N	N	N	N	9	N
3144		NT	65		W401	KNEE	26-Oct-2009	N	N	N	N	5	N
3145		HX	67		W401	KNEE	26-Oct-2009	N	N	N	N	3	N
3146		WG	64		W401	KNEE	27-Oct-2009	N	N	N	N	3	N
3147		WG	80		W401	KNEE	27-Oct-2009	N	N	N	N	13	N
3148		NT	67		W401	KNEE	27-Oct-2009	N	N	N	N	9	N
3149		WG	64		W401	KNEE	27-Oct-2009	N	N	N	N	2	N
3150		NT	70		W401	KNEE	27-Oct-2009	N	N	N	N	3	N
3151		NT	81		W401	KNEE	27-Oct-2009	N	N	N	N	6	N
3152		WG	85		W401	KNEE	27-Oct-2009	N	N	N	N	10	N
3153		WG	78		W401	KNEE	27-Oct-2009	N	N	N	N	2	N
3154		NT	60		W401	KNEE	27-Oct-2009	N	N	N	N	4	N
3155		HX	62		W401	KNEE	28-Oct-2009	N	N	N	N	2	N
3156		HX	54		W401	KNEE	28-Oct-2009	N	N	N	N	2	N
3157		NT	74		W401	KNEE	29-Oct-2009	N	N	N	N	3	N
3158		HX	67		W401	KNEE	29-Oct-2009	N	N	N	N	3	N
3159		HX	78		W401	KNEE	29-Oct-2009	N	N	N	N	2	N
3160		NT	81		W371	HIP	30-Oct-2009	Y	N	N	N	23	N
3161		NT	53		W381	HIP	30-Oct-2009	N	N	N	N	3	N

[illegible]

[illegible]

	BF	BG	BH
3074	N		
3075	N		
3076	N		
3077	N		
3078	N		
3079	N		
3080	N		
3081	N		
3082	N		
3083	N		
3084	N		
3085	N		
3086	N		
3087	N		
3088	N		
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3091	N		
3092	N		
3093	N		
3094	N		
3095	N		
3096	N		
3097	N		
3098	N		
3099	N		
3100	N		
3101	N		
3102	N		
3103	N		
3104	N		
3105	N		
3106	N		
3107	N		
3108	N		
3109	YES 02/11/09	Staph. Epidermidis & Antratus	
3110	N		
3111	N		
3112	N		
3113	N		
3114	N		
3115	N		
3116	N		
3117	N		
3118	N		
3119	N		
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3137	N		
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3139	N		
3140	N		
3141	N		
3142	N		
3143	N		
3144	N		
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3146	N		
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3148	N		
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3151	N		
3152	N		
3153	N		
3154	N		
3155	N		
3156	N		
3157	N		
3158	N		
3159	N		
3160	N		
3161	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3162	NT	57			W381	HIP	30-Oct-2009 N	N	N	N	N	4 N	
3163	NT	51			W381	HIP	30-Oct-2009 N	N	N	N	N	8 N	
3164	NT	56			W401	KNEE	30-Oct-2009 N	N	N	N	N	7 N	
3165	WG	79			W401	KNEE	30-Oct-2009 N	N	N	N	Y	4 N	
3166	NT	75			W401	KNEE	30-Oct-2009 N	N	N	N	N	5 N	
3167	NT	85			W401	KNEE	30-Oct-2009 N	N	N	N	N	10 N	
3168	NT	68			W401	KNEE	31-Oct-2009 N	N	N	N	N	4 N	
3169	HX	77			W381	HIP	02-Nov-2009 N	N	N	N	N	7 N	
3170	NT	80			W371	HIP	02-Nov-2009 N	N	N	N	N	2 N	
3171	HX	65			W371	HIP	02-Nov-2009 N	N	N	N	N	3 N	
3172	HX	64			W371	HIP	02-Nov-2009 N	N	N	N	N	3 N	
3173	HX	65			W371	HIP	02-Nov-2009 N	N	N	N	N	4 N	
3174	WG	59			W401	KNEE	02-Nov-2009 N	N	N	N	N	6 N	
3175	WG	68			W401	KNEE	02-Nov-2009 N	N	N	N	N	10 N	
3176	WG	69			W401	KNEE	02-Nov-2009 N	N	N	N	N	4 N	
3177	HX	82			W401	KNEE	02-Nov-2009 N	N	N	N	N	3 N	
3178	WG	63			W371	HIP	03-Nov-2009 N	N	N	N	N	14 Y	
3179	WG	86			W371	HIP	03-Nov-2009 N	N	N	N	N	4 N	
3180	NT	65			W401	KNEE	03-Nov-2009 N	N	N	N	N	4 N	
3181	WG	80			W371	HIP	04-Nov-2009 N	N	N	N	N	12 N	
3182	HX	81			W371	HIP	04-Nov-2009 N	N	N	N	N	5 N	
3183	HX	79			W401	KNEE	04-Nov-2009 N	N	N	N	N	15 N	
3184	HX	71			W381	HIP	05-Nov-2009 N	N	N	N	N	4 N	
3185	NT	83			W401	KNEE	05-Nov-2009 N	N	N	N	N	12 N	
3186	WG	53			W401	KNEE	05-Nov-2009 N	N	N	N	N	2 N	
3187	WG	89			W371	HIP	06-Nov-2009 N	N	N	N	N	6 N	
3188	NT	76			W381	HIP	06-Nov-2009 N	N	N	N	N	7 N	
3189	NT	78			W381	HIP	06-Nov-2009 N	N	N	N	N	7 N	
3190	HX	67			W371	HIP	06-Nov-2009 N	N	N	N	N	3 N	
3191	WG	53			W371	HIP	06-Nov-2009 N	N	N	N	N	3 N	
3192	HX	85			W371	HIP	06-Nov-2009 N	N	N	N	N	3 N	
3193	NT	70			W401	KNEE	06-Nov-2009 N	N	N	N	N	2 N	
3194	NT	46			W401	KNEE	06-Nov-2009 N	N	N	N	N	5 N	
3195	NT	60			W401	KNEE	06-Nov-2009 N	N	N	N	N	3 N	
3196	NT	64			W401	KNEE	06-Nov-2009 N	N	N	N	N	4 N	
3197	HX	81			W371	HIP	07-Nov-2009 N	N	N	N	N	10 N	
3198	NT	73			W401	KNEE	07-Nov-2009 N	N	N	N	N	6 N	
3199	NT	61			W401	KNEE	07-Nov-2009 N	N	N	N	N	3 N	
3200	HX	74			W401	KNEE	07-Nov-2009 N	N	N	N	N	2 N	
3201	WG	62			W401	KNEE	09-Nov-2009 N	N	N	N	N	7 N	
3202	HX	72			W371	HIP	09-Nov-2009 N	N	N	N	N	3 N	
3203	HX	66			W371	HIP	09-Nov-2009 N	N	N	N	N	3 N	
3204	HX	71			W381	HIP	09-Nov-2009 N	N	N	N	N	2 N	
3205	NT	83			W401	KNEE	09-Nov-2009 N	N	N	N	N	3 N	
3206	WG	81			W371	HIP	10-Nov-2009 Y	Y	N	N	N	3 N	
3207	NT	65			W381	HIP	10-Nov-2009 N	N	N	N	N	5 N	
3208	WG	71			W371	HIP	10-Nov-2009 N	N	N	N	N	3 N	
3209	HX	60			W371	HIP	10-Nov-2009 N	N	N	N	N	2 N	
3210	WG	73			W401	KNEE	10-Nov-2009 N	N	N	N	N	13 N	
3211	WG	78			W401	KNEE	10-Nov-2009 N	N	N	N	N	8 N	
3212	WG	53			W401	KNEE	10-Nov-2009 N	N	N	N	N	1 N	
3213	NT	57			W401	KNEE	10-Nov-2009 N	N	N	N	N	4 N	
3214	NT	49			W401	KNEE	10-Nov-2009 N	N	N	N	N	4 N	
3215	NT	75			W401	KNEE	10-Nov-2009 N	N	N	N	N	8 N	
3216	NT	77			W381	HIP	11-Nov-2009 N	N	N	N	N	11 N	
3217	WG	63			W371	HIP	11-Nov-2009 N	N	N	N	N	4 N	
3218	NT	55			W381	HIP	11-Nov-2009 N	N	N	N	N	5 N	
3219	WG	76			W371	HIP	11-Nov-2009 N	N	N	N	N	6 N	
3220	NT	60			W401	KNEE	11-Nov-2009 N	N	N	N	N	4 N	
3221	NT	80			W401	KNEE	11-Nov-2009 N	N	N	N	N	5 N	
3222	WG	75			W401	KNEE	12-Nov-2009 N	N	N	N	N	2 N	
3223	WG	70			W401	KNEE	12-Nov-2009 N	N	N	N	N	4 N	
3224	WG	77			W401	KNEE	12-Nov-2009 N	N	N	N	N	4 N	
3225	HX	65			W371	HIP	12-Nov-2009 N	N	N	N	N	4 N	
3226	HX	66			W381	HIP	12-Nov-2009 N	N	N	N	N	6 N	
3227	HX	72			W401	KNEE	12-Nov-2009 N	N	N	N	N	8 N	
3228	WG	72			W401	KNEE	12-Nov-2009 N	N	N	N	N	6 N	
3229	NT	83			W401	KNEE	12-Nov-2009 N	N	N	N	N	9 N	
3230	NT	75			W381	HIP	13-Nov-2009 N	N	N	N	N	9 N	
3231	NT	59			W371	HIP	13-Nov-2009 N	N	N	N	N	3 N	
3232	WG	68			W401	KNEE	13-Nov-2009 N	N	N	N	N	2 N	
3233	WG	67			W401	KNEE	13-Nov-2009 N	N	N	N	N	5 N	
3234	HX	72			W411	KNEE	13-Nov-2009 N	N	N	N	N	4 N	
3235	HX	71			W401	KNEE	13-Nov-2009 N	N	N	N	N	3 N	
3236	NT	61			W401	KNEE	14-Nov-2009 N	N	N	N	N	4 N	
3237	WG	83			W401	KNEE	14-Nov-2009 N	N	N	N	N	3 N	
3238	WG	72			W401	KNEE	14-Nov-2009 N	N	N	N	N	3 N	
3239	WG	83			W401	KNEE	14-Nov-2009 N	N	N	N	N	4 N	
3240	HX	76			W371	HIP	16-Nov-2009 N	N	N	N	N	4 N	
3241	WG	76			W371	HIP	16-Nov-2009 N	N	N	N	N	7 N	
3242	HX	72			W371	HIP	16-Nov-2009 N	N	N	N	N	9 N	
3243	HX	67			W371	HIP	16-Nov-2009 N	N	N	N	N	2 N	
3244	WG	53			W401	KNEE	16-Nov-2009 N	N	N	N	N	3 N	
3245	HX	81			W401	KNEE	16-Nov-2009 N	N	N	N	N	2 N	
3246	WG	68			W371	HIP	17-Nov-2009 N	N	N	N	N	3 N	
3247	NT	63			W381	HIP	17-Nov-2009 N	N	N	N	N	8 N	
3248	HX	78			W371	HIP	17-Nov-2009 N	N	N	N	N	2 N	
3249	HX	61			W381	HIP	17-Nov-2009 N	N	N	N	N	2 N	

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3162	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3163	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3164	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3165	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3166	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3167	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3168	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3169	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3170	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3171	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3172	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3173	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3174	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3175	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3176	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3177	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3178	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3179	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3180	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3181	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	#NULL!	0	N	
3182	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3183	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3184	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3185	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3186	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3187	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3188	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3189	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3190	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	0	0	N	
3191	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3192	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3193	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3194	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3195	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3196	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3197	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3198	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3199	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3200	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3201	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3202	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3203	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3204	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3205	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
3206	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3207	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3208	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3209	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3210	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3211	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3212	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3213	N	N	N	Y	N	N	N	N	N	N	N	Y	N	Y	0	0	N	
3214	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3215	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3216	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3217	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3218	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3219	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3220	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3221	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3222	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3223	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3224	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3225	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3226	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3227	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3228	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3229	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
3230	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3232	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3233	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3234	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3235	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3236	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3237	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3238	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3239	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3240	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3241	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3242	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3243	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3244	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3245	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3246	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3247	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3248	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3249	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
3162	N		
3163	N		
3164	N		
3165	N		
3166	N		
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3170	N		
3171	N		
3172	N		
3173	N		
3174	N		
3175	N		
3176	N		
3177	N		
3178	yes 09/11/19	Staph. Epidermidis	
3179	N		
3180	N		
3181	N		
3182	N		
3183	N		
3184	N		
3185	N		
3186	N		
3187	N		
3188	N		
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3244	N		
3245	N		
3246	N		
3247	N		
3248	N		
3249	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3250		WG	60		W401	KNEE	17-Nov-2009	N	N	N	N	2	N
3251		WG	63		W401	KNEE	17-Nov-2009	N	N	N	N	2	N
3252		WG	62		W371	HIP	18-Nov-2009	N	N	N	N	14	N
3253		NT	80		W381	HIP	18-Nov-2009	N	N	N	N	6	N
3254		HX	71		W371	HIP	18-Nov-2009	N	N	N	N	2	N
3255		HX	68		W371	HIP	18-Nov-2009	N	N	N	N	2	N
3256		NT	69		W401	KNEE	18-Nov-2009	N	N	N	N	5	N
3257		WG	80		W401	KNEE	18-Nov-2009	N	N	N	N	6	N
3258		NT	75		W401	KNEE	18-Nov-2009	N	N	N	N	7	N
3259		WG	57		W401	KNEE	18-Nov-2009	N	N	N	N	3	N
3260		HX	66		W401	KNEE	18-Nov-2009	N	N	N	N	2	N
3261		HX	68		W401	KNEE	18-Nov-2009	N	N	N	N	2	N
3262		HX	70		W401	KNEE	18-Nov-2009	N	N	N	N	6	N
3263		NT	56		W401	KNEE	18-Nov-2009	N	N	N	N	6	N
3264		NT	76		W401	KNEE	18-Nov-2009	N	N	N	N	5	N
3265		NT	74		W401	KNEE	18-Nov-2009	N	N	N	N	5	N
3266		WG	44		W401	KNEE	18-Nov-2009	N	N	N	N	1	N
3267		WG	81		W401	KNEE	19-Nov-2009	N	N	N	N	5	N
3268		WG	66		W371	HIP	19-Nov-2009	N	N	N	N	4	N
3269		HX	76		W401	KNEE	19-Nov-2009	N	N	N	N	6	N
3270		HX	73		W371	HIP	20-Nov-2009	N	N	N	N	3	N
3271		HX	78		W381	HIP	20-Nov-2009	N	N	N	N	3	N
3272		HX	69		W381	HIP	20-Nov-2009	N	N	N	N	4	N
3273		HX	70		W381	HIP	20-Nov-2009	N	N	N	N	3	N
3274		WG	64		W401	KNEE	20-Nov-2009	N	N	N	N	3	N
3275		HX	69		W401	KNEE	20-Nov-2009	N	N	N	N	4	N
3276		WG	81		W371	HIP	21-Nov-2009	N	N	N	N	4	N
3277		HX	62		W381	HIP	21-Nov-2009	N	N	N	N	3	N
3278		HX	53		W381	HIP	21-Nov-2009	N	N	N	N	2	N
3279		HX	66		W401	KNEE	21-Nov-2009	N	N	N	N	6	N
3280		NT	46		W401	KNEE	21-Nov-2009	N	N	N	N	3	N
3281		HX	59		W401	KNEE	21-Nov-2009	N	N	N	N	2	N
3282		WG	89		W371	HIP	23-Nov-2009	N	N	N	N	8	N
3283		WG	78		W371	HIP	23-Nov-2009	N	N	N	N	3	N
3284		WG	79		W401	KNEE	23-Nov-2009	N	N	N	N	2	N
3285		WG	64		W401	KNEE	23-Nov-2009	N	N	N	N	4	N
3286		NT	59		W401	KNEE	23-Nov-2009	N	N	N	N	7	N
3287		HX	62		W401	KNEE	23-Nov-2009	N	N	N	N	3	N
3288		HX	80		W401	KNEE	23-Nov-2009	N	N	N	N	2	N
3289		HX	55		W401	KNEE	23-Nov-2009	N	N	N	N	2	N
3290		NT	75		W381	HIP	24-Nov-2009	N	N	N	N	6	N
3291		WG	61		W371	HIP	24-Nov-2009	N	N	N	N	2	N
3292		WG	71		W371	HIP	24-Nov-2009	N	N	N	N	2	N
3293		NT	87		W421	KNEE	24-Nov-2009	N	N	N	N	20	N
3294		WG	79		W401	KNEE	24-Nov-2009	N	N	N	N	7	N
3295		NT	75		W401	KNEE	24-Nov-2009	N	N	N	N	5	N
3296		NT	77		W381	HIP	25-Nov-2009	N	N	N	N	8	N
3297		NT	74		W381	HIP	25-Nov-2009	N	N	N	N	5	N
3298		NT	65		W381	HIP	25-Nov-2009	N	N	N	N	6	N
3299		HX	85		W371	HIP	25-Nov-2009	N	N	N	N	6	N
3300		NT	55		W401	KNEE	25-Nov-2009	N	N	N	N	3	N
3301		NT	68		W401	KNEE	25-Nov-2009	N	N	N	N	7	N
3302		HX	70		W401	KNEE	25-Nov-2009	N	N	N	N	3	N
3303		HX	73		W401	KNEE	25-Nov-2009	N	N	N	N	2	N
3304		WG	66		W371	HIP	26-Nov-2009	N	N	N	N	4	N
3305		WG	66		W371	HIP	26-Nov-2009	N	N	N	N	3	N
3306		WG	69		W371	HIP	26-Nov-2009	N	N	N	N	8	N
3307		HX	51		W381	HIP	26-Nov-2009	N	N	N	N	3	N
3308		HX	77		W401	KNEE	26-Nov-2009	N	N	N	N	6	N
3309		HX	56		W401	KNEE	26-Nov-2009	N	N	N	N	4	N
3310		HX	58		W381	HIP	27-Nov-2009	N	N	N	N	4	N
3311		WG	63		W371	HIP	27-Nov-2009	N	N	N	N	3	N
3312		HX	73		W401	KNEE	27-Nov-2009	N	N	N	N	4	N
3313		NT	74		W401	KNEE	27-Nov-2009	N	N	N	N	6	N
3314		WG	78		W401	KNEE	27-Nov-2009	N	N	N	Y	6	N
3315		WG	78		W371	HIP	28-Nov-2009	N	N	N	N	5	N
3316		WG	64		W371	HIP	28-Nov-2009	N	N	N	N	2	N
3317		NT	59		W401	KNEE	28-Nov-2009	N	N	N	N	2	N
3318		NT	70		W401	KNEE	28-Nov-2009	N	N	N	N	5	N
3319		WG	61		W401	KNEE	28-Nov-2009	N	N	N	N	3	N
3320		HX	53		W371	HIP	30-Nov-2009	N	N	N	N	2	N
3321		WG	53		W401	KNEE	30-Nov-2009	N	N	N	N	3	N
3322		WG	72		W401	KNEE	30-Nov-2009	N	N	N	N	5	N
3323		WG	71		W401	KNEE	30-Nov-2009	N	N	N	N	2	N
3324		WG	83		W411	KNEE	30-Nov-2009	N	N	N	N	3	N
3325		HX	63		W401	KNEE	30-Nov-2009	N	N	N	N	4	N
3326		HX	71		W401	KNEE	30-Nov-2009	N	N	N	N	3	N
3327		HX	72		W401	KNEE	30-Nov-2009	N	N	N	N	2	N
3328		WG	62		W371	HIP	01-Dec-2009	N	N	N	N	3	N
3329		WG	75		W371	HIP	01-Dec-2009	N	N	N	N	8	N
3330		WG	79		W371	HIP	01-Dec-2009	N	N	N	N	3	N
3331		NT	61		W381	HIP	01-Dec-2009	N	N	N	N	3	N
3332		NT	70		W381	HIP	01-Dec-2009	N	N	N	N	7	N
3333		WG	53		W401	KNEE	01-Dec-2009	N	N	N	N	4	N
3334		NT	76		W401	KNEE	01-Dec-2009	N	N	N	N	7	N
3335		NT	65		W401	KNEE	01-Dec-2009	N	N	N	N	7	N
3336		WG	70		W401	KNEE	01-Dec-2009	N	N	N	N	5	N
3337		WG	83		W401	KNEE	01-Dec-2009	N	N	N	N	6	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
3250	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3251	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3252	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3253	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3256	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3257	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3260	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3261	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3262	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3263	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3265	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3267	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3269	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3270	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3271	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3273	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3276	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3277	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3279	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3281	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3282	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3283	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3284	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3285	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3286	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3287	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3288	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3289	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3291	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3293	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	Y
3294	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3296	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3297	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3298	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3299	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3300	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3301	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
3302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3303	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3305	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3306	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3309	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3311	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3312	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3313	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3314	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3316	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3317	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3320	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3321	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3322	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3323	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3324	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3326	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3328	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3331	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3332	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3333	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3334	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3335	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3336	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3337	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3250	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3251	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3252	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3253	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3256	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3257	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3259	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3260	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3261	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3262	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3263	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3265	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	0	N
3267	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3268	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3269	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3270	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3271	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3273	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3274	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	#NULL!	3	0	N
3275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3276	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3277	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	#NULL!	0	N	
3278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3279	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3281	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3282	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3283	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3284	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3285	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3286	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3287	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3288	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3289	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3291	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3293	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3294	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3296	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3297	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3298	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3299	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3300	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	#NULL!	0	N	
3301	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	#NULL!	3	0	N
3302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3303	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3304	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3305	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3306	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	#NULL!	7	0	N
3307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3308	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	#NULL!	0	N	
3309	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3311	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3312	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3313	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
3314	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3316	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3317	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3318	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3320	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3321	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
3322	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3323	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3324	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3326	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3328	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3331	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
3332	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3333	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3334	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
3335	N	N	N	Y	N	N	N	N	N	N	Y	Y	N	Y	#NULL!	1	0	N
3336	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3337	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
3250	N		
3251	N		
3252	N		
3253	N		
3254	N		
3255	N		
3256	N		
3257	N		
3258	N		
3259	N		
3260	N		
3261	N		
3262	N		
3263	N		
3264	N		
3265	N		
3266	N		
3267	N		
3268	yes 13/01/10	Staph. Aureus	
3269	N		
3270	N		
3271	N		
3272	N		
3273	N		
3274	N		
3275	N		
3276	N		
3277	N		
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3281	N		
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3297	N		
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3326	N		
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3328	N		
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3330	N		
3331	N		
3332	N		
3333	N		
3334	N		
3335	N		
3336	N		
3337	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3338		WG	77		W401	KNEE	01-Dec-2009	N	N	N	N	2	N
3339		NT	49		W401	KNEE	01-Dec-2009	N	N	N	N	7	N
3340		NT	64		W421	KNEE	01-Dec-2009	N	N	N	N	3	N
3341		HX	79		W401	KNEE	01-Dec-2009	N	N	N	N	2	N
3342		HX	67		W371	HIP	02-Dec-2009	N	N	N	N	2	N
3343		HX	72		W381	HIP	02-Dec-2009	N	N	N	N	5	N
3344		WG	75		W401	KNEE	02-Dec-2009	N	N	N	N	9	N
3345		NT	58		W401	KNEE	02-Dec-2009	N	N	N	N	3	N
3346		NT	70		W401	KNEE	02-Dec-2009	N	N	N	N	5	N
3347		HX	73		W401	KNEE	02-Dec-2009	N	N	N	N	3	N
3348		WG	50		W401	KNEE	02-Dec-2009	N	N	N	N	7	N
3349		NT	78		W371	HIP	03-Dec-2009	N	N	N	N	13	N
3350		HX	53		W381	HIP	03-Dec-2009	N	N	N	N	3	N
3351		HX	56		W401	KNEE	03-Dec-2009	N	N	N	N	2	N
3352		NT	62		W381	HIP	04-Dec-2009	N	N	N	N	3	N
3353		NT	63		W381	HIP	04-Dec-2009	N	N	N	N	4	N
3354		WG	73		W401	KNEE	04-Dec-2009	N	N	N	N	5	N
3355		NT	77		W401	KNEE	04-Dec-2009	N	N	N	N	6	N
3356		NT	72		W401	KNEE	04-Dec-2009	N	N	N	N	6	N
3357		HX	77		W401	KNEE	04-Dec-2009	N	N	N	N	4	N
3358		WG	67		W401	KNEE	04-Dec-2009	N	N	N	N	5	N
3359		WG	89		W401	KNEE	04-Dec-2009	N	N	N	N	10	N
3360		WG	85		W401	KNEE	04-Dec-2009	N	N	N	N	4	N
3361		HX	62		W401	KNEE	04-Dec-2009	N	N	N	N	2	N
3362		NT	63		W401	KNEE	05-Dec-2009	N	N	N	N	5	N
3363		WG	52		W401	KNEE	05-Dec-2009	N	N	N	N	1	N
3364		HX	71		W371	HIP	07-Dec-2009	N	N	N	N	3	N
3365		HX	35		W371	HIP	07-Dec-2009	N	N	N	N	2	N
3366		HX	81		W371	HIP	07-Dec-2009	N	N	N	N	3	N
3367		WG	73		W401	KNEE	07-Dec-2009	N	N	N	N	8	N
3368		HX	67		W401	KNEE	07-Dec-2009	N	N	N	N	3	N
3369		WG	76		W401	KNEE	07-Dec-2009	N	N	N	N	4	N
3370		NT	75		W381	HIP	08-Dec-2009	N	N	N	N	4	N
3371		HX	65		W371	HIP	08-Dec-2009	N	N	N	N	2	N
3372		WG	22		W371	HIP	08-Dec-2009	N	N	N	N	6	N
3373		HX	58		W371	HIP	08-Dec-2009	N	N	N	N	2	N
3374		HX	76		W371	HIP	08-Dec-2009	N	N	N	N	2	N
3375		WG	71		W401	KNEE	08-Dec-2009	N	N	N	N	2	N
3376		WG	78		W401	KNEE	08-Dec-2009	N	N	N	N	4	N
3377		HX	64		W371	HIP	09-Dec-2009	N	N	N	N	2	N
3378		NT	67		W401	KNEE	09-Dec-2009	N	N	N	N	4	N
3379		NT	79		W401	KNEE	09-Dec-2009	N	N	N	N	5	N
3380		HX	51		W401	KNEE	09-Dec-2009	N	N	N	N	2	N
3381		WG	75		W401	KNEE	09-Dec-2009	N	N	N	N	6	N
3382		HX	83		W401	KNEE	09-Dec-2009	N	N	N	N	3	N
3383		WG	73		W401	KNEE	10-Dec-2009	N	N	N	N	5	N
3384		WG	57		W401	KNEE	10-Dec-2009	N	N	N	N	4	N
3385		HX	65		W401	KNEE	10-Dec-2009	N	N	N	N	3	N
3386		HX	89		W401	KNEE	10-Dec-2009	N	N	N	N	3	N
3387		NT	66		W401	KNEE	10-Dec-2009	N	N	N	N	4	N
3388		NT	73		W381	HIP	11-Dec-2009	N	N	N	N	5	N
3389		WG	77		W371	HIP	11-Dec-2009	N	N	N	N	6	N
3390		NT	54		W381	HIP	11-Dec-2009	N	N	N	N	3	N
3391		WG	71		W371	HIP	11-Dec-2009	N	N	N	N	3	N
3392		WG	60		W371	HIP	11-Dec-2009	N	N	N	N	2	N
3393		NT	76		W401	KNEE	11-Dec-2009	N	N	N	N	5	N
3394		NT	83		W401	KNEE	11-Dec-2009	N	N	N	N	10	N
3395		NT	80		W401	KNEE	11-Dec-2009	N	N	N	N	6	N
3396		NT	69		W401	KNEE	11-Dec-2009	N	N	N	N	5	N
3397		NT	65		W401	KNEE	11-Dec-2009	N	N	N	N	8	N
3398		WG	81		W401	KNEE	11-Dec-2009	N	N	N	N	3	N
3399		NT	36		W381	HIP	12-Dec-2009	N	N	N	N	3	N
3400		WG	76		W371	HIP	12-Dec-2009	N	N	N	N	2	N
3401		WG	63		W401	KNEE	12-Dec-2009	N	N	N	N	4	N
3402		NT	66		W401	KNEE	12-Dec-2009	N	N	N	N	3	N
3403		NT	77		W371	HIP	14-Dec-2009	N	N	N	N	3	N
3404		HX	69		W371	HIP	14-Dec-2009	N	N	N	N	2	N
3405		HX	59		W381	HIP	14-Dec-2009	N	N	N	N	3	N
3406		HX	78		W371	HIP	14-Dec-2009	N	N	N	N	3	N
3407		WG	62		W401	KNEE	14-Dec-2009	N	N	N	N	8	N
3408		WG	67		W401	KNEE	14-Dec-2009	N	N	N	N	3	N
3409		WG	42		W401	KNEE	14-Dec-2009	N	N	N	N	3	N
3410		WG	74		W401	KNEE	14-Dec-2009	N	N	N	N	2	N
3411		WG	79		W401	KNEE	15-Dec-2009	N	N	N	N	6	N
3412		WG	71		W401	KNEE	15-Dec-2009	N	N	N	N	2	N
3413		NT	80		W401	KNEE	15-Dec-2009	N	N	N	N	8	N
3414		NT	83		W381	HIP	16-Dec-2009	N	N	N	N	20	N
3415		HX	76		W371	HIP	16-Dec-2009	N	N	N	N	2	N
3416		NT	73		W401	KNEE	16-Dec-2009	N	N	N	N	5	N
3417		NT	69		W401	KNEE	16-Dec-2009	N	N	N	N	2	N
3418		HX	70		W401	KNEE	16-Dec-2009	N	N	N	N	1	N
3419		WG	55		W401	KNEE	16-Dec-2009	N	N	N	N	5	N
3420		WG	71		W411	KNEE	16-Dec-2009	N	N	N	N	3	N
3421		HX	70		W401	KNEE	16-Dec-2009	N	N	N	N	2	N
3422		WG	71		W371	HIP	17-Dec-2009	N	N	N	N	1	N
3423		NT	79		W371	HIP	17-Dec-2009	N	N	N	N	6	N
3424		WG	58		W371	HIP	17-Dec-2009	N	N	N	N	3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3338	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3339	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3340	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3341	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3342	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3343	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3344	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3345	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3346	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3347	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3348	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
3349	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3350	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3351	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3352	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3353	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3354	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3355	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3356	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3357	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3358	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3359	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3360	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3361	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3362	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3363	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3364	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3365	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3366	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3367	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3368	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3369	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3370	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3371	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3374	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3375	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3376	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3378	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3379	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3383	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3384	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3385	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3386	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3387	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3388	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3389	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3390	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3391	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3392	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3393	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3394	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3395	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	#NULL!	1	N	
3396	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	0	1	N	
3397	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3398	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3400	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3401	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3402	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
3403	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3405	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3406	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3407	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	E669
3408	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3409	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3410	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3411	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3412	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	0	0	N	
3413	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3414	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3415	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3416	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3417	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3418	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3419	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3420	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3421	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3422	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3423	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	19	0	N	
3424	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
3338	N		
3339	N		
3340	N		
3341	N		
3342	N		
3343	N		
3344	N		
3345	N		
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3408	N		
3409	N		
3410	N		
3411	N		
3412	N		
3413	N		
3414	N		
3415	N		
3416	N		
3417	N		
3418	N		
3419	yes 21/01/10	E.coli, Prevotella Oris Fusi bacterium nuclearism	
3420	N		
3421	N		
3422	N		
3423	N		
3424	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3425	NT	57			W401	KNEE	17-Dec-2009	N	N	N	N	6	N
3426	WG	70			W401	KNEE	17-Dec-2009	N	N	N	N	3	N
3427	HX	72			W401	KNEE	17-Dec-2009	N	N	N	N	3	N
3428	WG	60			W371	HIP	18-Dec-2009	N	N	N	N	3	N
3429	NT	73			W421	KNEE	18-Dec-2009	N	N	N	N	5	N
3430	NT	85			W401	KNEE	18-Dec-2009	N	N	N	N	3	N
3431	NT	69			W381	HIP	19-Dec-2009	N	N	N	N	4	N
3432	NT	66			W381	HIP	19-Dec-2009	N	N	N	N	2	N
3433	WG	67			W371	HIP	19-Dec-2009	N	N	N	N	2	N
3434	NT	68			W381	HIP	19-Dec-2009	N	N	N	N	2	N
3435	WG	71			W401	KNEE	19-Dec-2009	N	N	N	N	5	N
3436	WG	68			W401	KNEE	19-Dec-2009	N	N	N	N	2	N
3437	HX	47			W371	HIP	21-Dec-2009	N	N	N	N	3	N
3438	WG	54			W401	KNEE	21-Dec-2009	N	N	N	N	3	N
3439	NT	71			W401	KNEE	22-Dec-2009	N	N	N	N	8	N
3440	NT	87			W401	KNEE	22-Dec-2009	N	N	N	N	13	N
3441	WG	71			W371	HIP	24-Dec-2009	N	N	N	N	6	N
3442	NT	53			W381	HIP	29-Dec-2009	N	N	N	N	6	N
3443	NT	82			W371	HIP	29-Dec-2009	N	N	N	N	7	N
3444	NT	69			W381	HIP	29-Dec-2009	N	N	N	N	6	N
3445	NT	70			W401	KNEE	29-Dec-2009	N	N	N	N	9	N
3446	NT	60			W401	KNEE	29-Dec-2009	N	N	N	N	8	N
3447	NT	73			W401	KNEE	29-Dec-2009	N	N	N	N	6	N
3448	WG	71			W401	KNEE	29-Dec-2009	N	N	N	N	4	N
3449	NT	80			W371	HIP	30-Dec-2009	N	N	N	N	5	N
3450	NT	60			W401	KNEE	30-Dec-2009	N	N	N	N	6	N
3451	NT	78			W401	KNEE	30-Dec-2009	N	N	N	N	6	N
3452	NT	73			W401	KNEE	30-Dec-2009	N	N	N	N	5	N
3453	HX	70			W371	HIP	04-Jan-2010	N	N	N	N	9	N
3454	WG	61			W401	KNEE	04-Jan-2010	N	N	N	N	3	N
3455	HX	71			W401	KNEE	04-Jan-2010	N	N	N	N	3	N
3456	HX	55			W401	KNEE	04-Jan-2010	N	N	N	N	2	N
3457	WG	66			W401	KNEE	04-Jan-2010	N	N	N	N	3	N
3458	WG	62			W371	HIP	05-Jan-2010	N	N	N	N	3	N
3459	HX	75			W371	HIP	05-Jan-2010	N	N	N	N	4	N
3460	HX	66			W381	HIP	05-Jan-2010	N	N	N	N	2	N
3461	NT	77			W401	KNEE	05-Jan-2010	N	N	N	N	7	N
3462	NT	65			W401	KNEE	05-Jan-2010	N	N	N	N	7	N
3463	NT	74			W401	KNEE	05-Jan-2010	N	N	N	N	3	N
3464	HX	63			W401	KNEE	05-Jan-2010	N	N	N	N	2	N
3465	NT	62			W401	KNEE	05-Jan-2010	N	N	N	N	6	N
3466	HX	69			W401	KNEE	05-Jan-2010	N	N	N	N	2	N
3467	HX	55			W401	KNEE	05-Jan-2010	N	N	N	N	3	N
3468	WG	81			W371	HIP	06-Jan-2010	N	N	N	N	4	N
3469	WG	75			W371	HIP	06-Jan-2010	N	N	N	N	4	N
3470	NT	67			W381	HIP	06-Jan-2010	N	N	N	N	4	N
3471	HX	74			W371	HIP	06-Jan-2010	N	N	N	N	2	N
3472	WG	73			W401	KNEE	06-Jan-2010	N	N	N	N	4	N
3473	NT	78			W401	KNEE	06-Jan-2010	N	N	N	N	9	N
3474	HX	69			W401	KNEE	06-Jan-2010	N	N	N	N	2	N
3475	NT	64			W401	KNEE	06-Jan-2010	N	N	N	N	5	N
3476	WG	62			W371	HIP	08-Jan-2010	N	N	N	N	3	N
3477	NT	58			W381	HIP	08-Jan-2010	N	N	N	N	4	N
3478	WG	71			W401	KNEE	08-Jan-2010	N	N	N	N	3	N
3479	HX	47			W401	KNEE	08-Jan-2010	N	N	N	N	3	N
3480	NT	68			W401	KNEE	08-Jan-2010	N	N	N	N	8	N
3481	WG	76			W401	KNEE	08-Jan-2010	N	N	N	N	3	N
3482	WG	56			W401	KNEE	08-Jan-2010	N	N	N	N	2	N
3483	HX	66			W401	KNEE	08-Jan-2010	N	N	N	N	4	N
3484	NT	68			W381	HIP	09-Jan-2010	N	N	N	N	6	N
3485	HX	74			W401	KNEE	09-Jan-2010	N	N	N	N	3	N
3486	HX	68			W401	KNEE	09-Jan-2010	N	N	N	N	2	N
3487	HX	82			W371	HIP	10-Jan-2010	N	N	N	N	9	N
3488	HX	78			W371	HIP	11-Jan-2010	N	N	N	N	21	N
3489	WG	61			W371	HIP	11-Jan-2010	N	N	N	N	5	N
3490	WG	66			W401	KNEE	11-Jan-2010	N	N	N	N	4	N
3491	HX	70			W401	KNEE	11-Jan-2010	N	N	N	N	2	N
3492	HX	73			W401	KNEE	11-Jan-2010	N	N	N	N	3	N
3493	NT	84			W401	KNEE	11-Jan-2010	N	N	N	N	7	N
3494	WG	52			W371	HIP	12-Jan-2010	N	N	N	N	3	N
3495	WG	63			W371	HIP	12-Jan-2010	N	N	N	N	4	N
3496	WG	72			W371	HIP	12-Jan-2010	N	N	N	N	3	N
3497	HX	82			W371	HIP	12-Jan-2010	N	N	N	N	6	N
3498	WG	61			W401	KNEE	12-Jan-2010	N	N	N	N	3	N
3499	WG	78			W401	KNEE	12-Jan-2010	N	N	N	N	7	N
3500	HX	58			W401	KNEE	12-Jan-2010	N	N	N	N	3	N
3501	WG	56			W401	KNEE	12-Jan-2010	N	N	N	N	4	N
3502	WG	67			W401	KNEE	12-Jan-2010	N	N	N	N	2	N
3503	HX	90			W371	HIP	13-Jan-2010	N	N	N	N	9	N
3504	NT	43			W381	HIP	13-Jan-2010	N	N	N	N	2	N
3505	HX	71			W371	HIP	13-Jan-2010	N	N	N	N	3	N
3506	NT	74			W401	KNEE	13-Jan-2010	N	N	N	N	8	N
3507	NT	63			W401	KNEE	13-Jan-2010	N	N	N	N	5	N
3508	NT	73			W401	KNEE	13-Jan-2010	N	N	N	N	10	N
3509	WG	70			W401	KNEE	13-Jan-2010	N	N	N	N	2	N
3510	WG	39			W401	KNEE	13-Jan-2010	N	N	N	N	3	N
3511	WG	69			W401	KNEE	13-Jan-2010	N	N	N	N	2	N
3512	WG	68			W401	KNEE	14-Jan-2010	N	N	N	N	2	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3425	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3426	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3427	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3428	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3429	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3430	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3431	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3432	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3433	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3434	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3435	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3436	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3437	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3438	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3439	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3440	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3441	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3442	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3443	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3444	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3445	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3446	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3447	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3448	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3449	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3450	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3451	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3452	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3453	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
3454	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3455	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3456	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3457	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3458	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3459	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3460	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3461	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3462	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3463	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3464	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3465	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3466	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3467	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3468	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3469	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3470	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3471	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3472	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	E669
3473	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3474	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3475	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3476	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3477	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3478	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3479	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3480	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3481	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3482	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3483	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3484	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3485	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3486	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3487	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3488	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3489	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3490	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3491	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3492	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3493	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3494	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3495	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3496	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3497	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3498	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3499	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3500	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3501	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3502	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3504	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3505	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3507	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
3508	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3509	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3510	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	17	0	N	
3511	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3512	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	0	N	E668

[illegible]

	BF	BG	BH
3425	N		
3426	N		
3427	N		
3428	N		
3429	N		
3430	N		
3431	N		
3432	N		
3433	N		
3434	N		
3435	N		
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3437	N		
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3442	N		
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3501	N		
3502	N		
3503	N		
3504	N		
3505	N		
3506	N		
3507	N		
3508	N		
3509	N		
3510	YES 27/01/10	E Coli	
3511	N		
3512	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3513		WG	71		W401	KNEE	14-Jan-2010	N	N	N	N	5	N
3514		NT	78		W371	HIP	15-Jan-2010	N	N	N	N	12	N
3515		WG	61		W371	HIP	15-Jan-2010	N	N	N	N	4	N
3516		HX	52		W381	HIP	15-Jan-2010	N	N	N	N	1	N
3517		HX	57		W371	HIP	15-Jan-2010	N	N	N	N	1	N
3518		HX	55		W371	HIP	15-Jan-2010	N	N	N	N	1	N
3519		HX	63		W371	HIP	15-Jan-2010	N	N	N	N	1	N
3520		WG	61		W401	KNEE	15-Jan-2010	N	N	N	N	4	N
3521		WG	71		W401	KNEE	15-Jan-2010	N	N	N	N	3	N
3522		HX	79		W401	KNEE	15-Jan-2010	N	N	N	N	4	N
3523		HX	62		W401	KNEE	15-Jan-2010	N	N	N	N	3	N
3524		NT	73		W401	KNEE	16-Jan-2010	N	N	N	N	4	N
3525		NT	55		W401	KNEE	16-Jan-2010	N	N	N	N	2	N
3526		NT	75		W401	KNEE	16-Jan-2010	N	N	N	N	4	N
3527		NT	51		W401	KNEE	16-Jan-2010	N	N	N	N	5	N
3528		WG	78		W371	HIP	18-Jan-2010	N	N	N	N	2	N
3529		NT	80		W381	HIP	18-Jan-2010	N	N	N	N	7	N
3530		NT	83		W371	HIP	18-Jan-2010	N	N	N	N	5	N
3531		WG	76		W401	KNEE	18-Jan-2010	N	N	N	N	2	N
3532		WG	74		W401	KNEE	18-Jan-2010	N	N	N	N	3	N
3533		WG	84		W401	KNEE	18-Jan-2010	N	N	N	N	9	N
3534		WG	62		W401	KNEE	18-Jan-2010	N	N	N	N	2	N
3535		WG	61		W401	KNEE	18-Jan-2010	N	N	N	N	2	N
3536		NT	77		W371	HIP	19-Jan-2010	N	N	N	N	6	N
3537		HX	56		W381	HIP	19-Jan-2010	N	N	N	N	2	N
3538		HX	54		W381	HIP	19-Jan-2010	N	N	N	N	3	N
3539		WG	65		W371	HIP	19-Jan-2010	N	N	N	N	3	N
3540		HX	70		W371	HIP	19-Jan-2010	N	N	N	N	3	N
3541		HX	78		W401	KNEE	19-Jan-2010	N	N	N	N	42	N
3542		WG	81		W401	KNEE	19-Jan-2010	N	N	N	N	3	N
3543		NT	66		W401	KNEE	19-Jan-2010	N	N	N	N	6	N
3544		WG	63		W401	KNEE	19-Jan-2010	N	N	N	N	2	N
3545		NT	81		W351	HIP	20-Jan-2010	N	N	N	N	3	N
3546		HX	49		W371	HIP	20-Jan-2010	N	N	N	N	2	N
3547		NT	79		W401	KNEE	20-Jan-2010	N	N	N	N	3	N
3548		WG	72		W401	KNEE	20-Jan-2010	N	N	N	N	3	N
3549		WG	76		W371	HIP	21-Jan-2010	N	N	N	N	7	N
3550		WG	74		W371	HIP	21-Jan-2010	N	N	N	N	3	N
3551		NT	75		W371	HIP	21-Jan-2010	N	N	N	N	2	N
3552		WG	48		W371	HIP	21-Jan-2010	N	N	N	N	2	N
3553		WG	70		W401	KNEE	21-Jan-2010	N	N	N	N	5	N
3554		HX	82		W401	KNEE	21-Jan-2010	N	N	N	N	4	N
3555		WG	64		W401	KNEE	21-Jan-2010	N	N	N	N	3	N
3556		HX	56		W401	KNEE	21-Jan-2010	N	N	N	N	2	N
3557		WG	79		W371	HIP	22-Jan-2010	N	N	N	N	4	N
3558		WG	80		W401	KNEE	22-Jan-2010	N	N	N	N	4	N
3559		WG	69		W401	KNEE	22-Jan-2010	N	N	N	N	3	N
3560		NT	57		W401	KNEE	22-Jan-2010	N	N	N	N	4	N
3561		NT	70		W401	KNEE	22-Jan-2010	N	N	N	N	6	N
3562		HX	60		W401	KNEE	22-Jan-2010	N	N	N	N	4	N
3563		HX	61		W401	KNEE	22-Jan-2010	N	N	N	N	3	N
3564		NT	67		W381	HIP	23-Jan-2010	N	N	N	N	6	N
3565		NT	60		W401	KNEE	23-Jan-2010	N	N	N	N	4	N
3566		HX	67		W371	HIP	25-Jan-2010	N	N	N	N	3	N
3567		WG	81		W371	HIP	26-Jan-2010	N	N	N	N	6	N
3568		WG	83		W371	HIP	26-Jan-2010	N	N	N	N	11	N
3569		WG	77		W401	KNEE	26-Jan-2010	N	N	N	N	5	N
3570		WG	63		W401	KNEE	26-Jan-2010	N	N	N	N	2	N
3571		WG	57		W401	KNEE	26-Jan-2010	N	N	N	N	2	N
3572		HX	70		W401	KNEE	26-Jan-2010	N	N	N	N	4	N
3573		HX	63		W371	HIP	27-Jan-2010	N	N	N	N	3	N
3574		NT	75		W371	HIP	27-Jan-2010	N	N	N	N	6	N
3575		WG	48		W401	KNEE	27-Jan-2010	N	N	N	N	1	N
3576		NT	55		W401	KNEE	27-Jan-2010	N	N	N	N	3	N
3577		WG	69		W371	HIP	28-Jan-2010	N	N	N	N	6	N
3578		HX	61		W371	HIP	28-Jan-2010	N	N	N	N	5	N
3579		NT	60		W381	HIP	28-Jan-2010	N	N	N	N	5	N
3580		WG	60		W401	KNEE	28-Jan-2010	N	N	N	N	11	N
3581		WG	71		W401	KNEE	28-Jan-2010	N	N	N	N	3	N
3582		WG	56		W401	KNEE	28-Jan-2010	N	N	N	N	3	N
3583		WG	73		W401	KNEE	28-Jan-2010	N	N	N	N	5	N
3584		HX	81		W401	KNEE	28-Jan-2010	N	N	N	N	4	N
3585		HX	52		W401	KNEE	28-Jan-2010	N	N	N	N	2	N
3586		NT	82		W401	KNEE	29-Jan-2010	N	N	N	N	4	N
3587		NT	75		W401	KNEE	29-Jan-2010	N	N	N	N	5	N
3588		HX	82		W401	KNEE	29-Jan-2010	N	N	N	N	6	N
3589		NT	65		W381	HIP	30-Jan-2010	N	N	N	N	4	N
3590		NT	53		W401	KNEE	30-Jan-2010	N	N	N	N	2	N
3591		WG	76		W371	HIP	01-Feb-2010	N	N	N	N	5	N
3592		WG	65		W371	HIP	01-Feb-2010	N	N	N	N	10	N
3593		WG	69		W371	HIP	01-Feb-2010	N	N	N	N	3	N
3594		NT	75		W401	KNEE	02-Feb-2010	N	N	N	N	#NULL!	N
3595		WG	81		W371	HIP	02-Feb-2010	N	N	N	N	38	N
3596		NT	61		W381	HIP	02-Feb-2010	N	N	N	N	6	N
3597		WG	76		W401	KNEE	02-Feb-2010	N	N	N	N	6	N
3598		WG	64		W401	KNEE	02-Feb-2010	N	N	N	N	3	N
3599		NT	70		W401	KNEE	02-Feb-2010	N	N	N	N	3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
3513	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3514	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
3515	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3516	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3517	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3518	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3520	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3521	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3522	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3523	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3524	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3525	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3526	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3527	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3531	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3532	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3533	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3534	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3535	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3536	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3537	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3539	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3541	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3542	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3543	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3544	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3545	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3546	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3547	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3550	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3551	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3552	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3553	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
3554	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3556	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3557	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3558	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3559	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3565	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3566	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3567	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3568	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3570	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3571	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3572	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3573	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3575	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3577	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	Y
3578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3579	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3580	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
3581	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3586	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3587	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3588	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
3589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3591	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3592	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3594	N	N	N	N	N	N	Y	N	Y	N	N	N	N	N	N	N	Y	N
3595	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3596	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3597	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3598	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3513	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3514	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3515	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3516	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3517	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3518	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3520	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3521	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3522	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3523	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3524	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3525	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3526	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3527	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3528	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	25	0	N	
3529	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
3530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3531	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3532	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3533	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3534	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3535	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3536	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3537	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3539	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3541	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3542	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3543	N	N	Y	N	N	N	N	N	N	N	Y	Y	N	N	#NULL!	0	N	E669
3544	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3545	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3546	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3547	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	0	1	N	
3548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	E669
3550	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3551	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3552	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3553	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3554	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3556	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3557	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3558	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3559	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3561	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3565	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3566	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3567	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3568	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3570	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3571	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3572	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3573	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3575	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0	0	N	E669
3576	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3577	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	Y	
3578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3579	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3580	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3581	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3583	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3585	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3586	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3587	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	0	0	N	
3588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3589	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3591	N	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
3592	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	114	0	N	
3593	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
3594	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	Y	
3595	N	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3596	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3597	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
3598	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

	BF	BG	BH
3513	N		
3514	N		
3515	N		
3516	N		
3517	N		
3518	N		
3519	N		
3520	N		
3521	N		
3522	N		
3523	N		
3524	N		
3525	N		
3526	N		
3527	N		
3528	YES 02/02/10	Staph Epidermidis	
3529	N		
3530	N		
3531	N		
3532	N		
3533	N		
3534	N		
3535	N		
3536	N		
3537	N		
3538	N		
3539	N		
3540	N		
3541	N		
3542	N		
3543	N		
3544	N		
3545	N		
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3556	N		
3557	N		
3558	N		
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3560	N		
3561	N		
3562	N		
3563	N		
3564	N		
3565	N		
3566	N		
3567	N		
3568	N		
3569	N		
3570	N		
3571	YES 16/02/10	MRSA, Staph. Epidermidis & Coney bacterium	
3572	N		
3573	N		
3574	N		
3575	N		
3576	N		
3577	N		
3578	N		
3579	N		
3580	N		
3581	N		
3582	N		
3583	N		
3584	N		
3585	N		
3586	N		
3587	N		
3588	N		
3589	N		
3590	N		
3591	N		
3592	YES 01/03/10	Staph. Aureus	
3593	N		
3594	N		
3595	N		
3596	N		
3597	N		
3598	N		
3599	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3600	NT	71			W401	KNEE	02-Feb-2010 N	N	N	N	N	4 N	
3601	NT	68			W401	KNEE	02-Feb-2010 N	N	N	N	N	5 N	
3602	NT	80			W401	KNEE	02-Feb-2010 N	N	N	N	N	4 N	
3603	WG	80			W401	KNEE	02-Feb-2010 N	N	N	N	N	3 N	
3604	NT	56			W381	HIP	03-Feb-2010 N	N	N	N	N	4 N	
3605	NT	66			W401	KNEE	03-Feb-2010 N	N	N	N	N	7 N	
3606	NT	84			W401	KNEE	03-Feb-2010 N	N	N	N	N	8 N	
3607	NT	82			W371	HIP	04-Feb-2010 N	N	N	N	N	5 N	
3608	WG	59			W371	HIP	04-Feb-2010 N	N	N	N	N	7 N	
3609	NT	69			W381	HIP	04-Feb-2010 N	N	N	N	N	4 N	
3610	NT	78			W371	HIP	05-Feb-2010 N	N	N	N	N	6 N	
3611	NT	70			W381	HIP	05-Feb-2010 N	N	N	N	N	3 N	
3612	NT	70			W381	HIP	05-Feb-2010 N	N	N	N	N	11 N	
3613	NT	81			W401	KNEE	05-Feb-2010 N	N	N	N	N	5 N	
3614	NT	88			W401	KNEE	05-Feb-2010 N	N	N	N	N	4 N	
3615	WG	69			W371	HIP	08-Feb-2010 N	N	N	N	N	9 N	
3616	WG	84			W371	HIP	08-Feb-2010 N	N	N	N	N	10 N	
3617	HX	76			W401	KNEE	08-Feb-2010 N	N	N	N	N	8 N	
3618	WG	75			W401	KNEE	08-Feb-2010 N	N	N	N	Y	5 N	
3619	WG	79			W401	KNEE	08-Feb-2010 N	N	N	N	N	5 N	
3620	HX	71			W401	KNEE	08-Feb-2010 N	N	N	N	N	5 N	
3621	WG	81			W401	KNEE	08-Feb-2010 N	N	N	N	N	4 N	
3622	HX	60			W401	KNEE	08-Feb-2010 N	N	N	N	N	2 N	
3623	WG	76			W371	HIP	09-Feb-2010 N	N	N	N	N	11 N	
3624	WG	77			W371	HIP	09-Feb-2010 N	N	N	N	N	29 N	
3625	WG	68			W371	HIP	09-Feb-2010 N	N	N	N	N	2 N	
3626	NT	58			W381	HIP	09-Feb-2010 N	N	N	N	N	6 N	
3627	WG	66			W371	HIP	09-Feb-2010 N	N	N	N	N	2 N	
3628	HX	65			W371	HIP	09-Feb-2010 N	N	N	N	N	2 N	
3629	WG	79			W401	KNEE	09-Feb-2010 N	N	N	N	N	6 N	
3630	WG	52			W401	KNEE	09-Feb-2010 N	N	N	N	N	3 N	
3631	WG	75			W401	KNEE	09-Feb-2010 N	N	N	N	N	3 N	
3632	WG	71			W401	KNEE	09-Feb-2010 N	N	N	N	N	4 N	
3633	WG	86			W401	KNEE	09-Feb-2010 N	N	N	N	N	3 N	
3634	NT	62			W401	KNEE	09-Feb-2010 N	N	N	N	N	4 N	
3635	NT	82			W371	HIP	10-Feb-2010 N	N	N	Y		18 N	
3636	WG	68			W371	HIP	10-Feb-2010 N	N	N	N	N	2 N	
3637	NT	39			W381	HIP	10-Feb-2010 N	N	N	N	N	2 N	
3638	HX	70			W371	HIP	10-Feb-2010 N	N	N	N	N	3 N	
3639	NT	63			W401	KNEE	10-Feb-2010 N	N	N	N	N	3 N	
3640	WG	63			W371	HIP	11-Feb-2010 N	N	N	N	N	4 N	
3641	WG	58			W371	HIP	11-Feb-2010 N	N	N	N	N	4 N	
3642	HX	62			W371	HIP	11-Feb-2010 N	N	N	N	N	3 N	
3643	WG	62			W401	KNEE	11-Feb-2010 N	N	N	N	N	5 N	
3644	NT	73			W401	KNEE	11-Feb-2010 N	N	N	N	N	4 N	
3645	NT	77			W401	KNEE	11-Feb-2010 N	N	N	N	N	5 N	
3646	WG	63			W371	HIP	12-Feb-2010 N	N	N	N	N	2 N	
3647	HX	63			W371	HIP	12-Feb-2010 N	N	N	N	N	3 N	
3648	WG	72			W371	HIP	12-Feb-2010 N	N	N	N	N	3 N	
3649	NT	55			W381	HIP	12-Feb-2010 N	N	N	N	N	3 N	
3650	WG	80			W401	KNEE	12-Feb-2010 N	N	N	N	N	3 N	
3651	HX	77			W401	KNEE	12-Feb-2010 N	N	N	N	N	6 N	
3652	NT	71			W381	HIP	13-Feb-2010 N	N	N	N	N	6 N	
3653	NT	45			W381	HIP	13-Feb-2010 N	N	N	N	N	2 N	
3654	NT	69			W401	KNEE	13-Feb-2010 N	N	N	N	N	5 N	
3655	NT	70			W401	KNEE	13-Feb-2010 N	N	N	N	N	6 N	
3656	NT	59			W381	HIP	15-Feb-2010 N	N	N	N	N	7 N	
3657	NT	76			W371	HIP	15-Feb-2010 N	N	N	N	N	7 N	
3658	HX	57			W401	KNEE	15-Feb-2010 N	N	N	N	N	2 N	
3659	HX	71			W401	KNEE	15-Feb-2010 N	N	N	N	N	5 N	
3660	NT	47			W381	HIP	16-Feb-2010 N	N	N	N	N	2 N	
3661	NT	62			W381	HIP	16-Feb-2010 N	N	N	N	N	3 N	
3662	WG	73			W371	HIP	16-Feb-2010 N	N	N	N	N	3 N	
3663	NT	76			W401	KNEE	16-Feb-2010 N	N	N	N	N	4 N	
3664	WG	81			W401	KNEE	16-Feb-2010 N	N	N	N	N	8 N	
3665	NT	58			W371	HIP	17-Feb-2010 N	N	N	N	N	5 N	
3666	NT	78			W371	HIP	17-Feb-2010 N	N	N	N	N	5 N	
3667	WG	65			W371	HIP	17-Feb-2010 N	N	N	N	N	3 N	
3668	NT	74			W401	KNEE	17-Feb-2010 N	N	N	N	N	6 N	
3669	NT	61			W401	KNEE	17-Feb-2010 N	N	N	N	N	2 N	
3670	WG	79			W371	HIP	18-Feb-2010 N	N	N	N	N	4 N	
3671	WG	47			W371	HIP	18-Feb-2010 N	N	N	N	N	3 N	
3672	WG	77			W371	HIP	18-Feb-2010 N	N	N	N	N	4 N	
3673	WG	76			W371	HIP	18-Feb-2010 N	N	N	N	N	2 N	
3674	NT	62			W401	KNEE	18-Feb-2010 N	N	N	N	N	6 N	
3675	WG	84			W401	KNEE	18-Feb-2010 N	N	N	N	N	3 N	
3676	WG	52			W371	HIP	19-Feb-2010 N	N	N	N	N	12 N	
3677	HX	59			W381	HIP	19-Feb-2010 N	N	N	N	N	5 N	
3678	WG	58			W401	KNEE	19-Feb-2010 N	N	N	N	N	5 N	
3679	WG	60			W401	KNEE	19-Feb-2010 N	N	N	N	N	11 N	
3680	WG	77			W371	HIP	22-Feb-2010 N	N	N	N	N	2 N	
3681	HX	77			W371	HIP	22-Feb-2010 N	N	N	N	N	3 N	
3682	HX	83			W371	HIP	22-Feb-2010 N	N	N	N	N	9 N	
3683	HX	71			W371	HIP	22-Feb-2010 N	N	N	N	N	4 N	
3684	NT	62			W401	KNEE	22-Feb-2010 N	N	N	N	N	4 N	
3685	WG	58			W371	HIP	23-Feb-2010 N	N	N	N	N	2 N	

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
3600	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3602	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3604	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3605	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N
3606	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3608	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3609	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3614	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3615	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3616	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3618	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3620	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3624	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3629	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3634	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3635	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	Y	N
3636	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3637	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3638	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3641	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3642	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3643	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3644	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
3645	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3646	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3647	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3648	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3649	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3650	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3652	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3653	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3654	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	Y
3655	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3656	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3657	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3658	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3659	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3660	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3661	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3662	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3663	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3664	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3665	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3666	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3668	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3669	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3670	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3671	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3672	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3673	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3674	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3676	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3678	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3680	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3681	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3682	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3683	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3684	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3685	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3600	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3602	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3603	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3606	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3607	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3608	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3609	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3610	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3614	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
3615	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3616	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	Y	
3617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3618	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3619	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3620	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3621	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3622	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3623	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
3624	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3625	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3629	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3634	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3635	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	16	0	Y	
3636	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3637	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3638	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3641	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3642	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3643	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3644	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3645	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3646	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3647	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3648	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3649	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3650	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3652	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3653	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3654	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3655	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3656	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3657	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3658	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3659	N	N	N	Y	Y	N	N	N	N	N	N	N	N	Y	0	0	N	
3660	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3661	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3662	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3663	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3664	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3665	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3666	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
3667	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3668	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
3669	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3670	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	
3671	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	20	0	N	
3672	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3673	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	0	N	
3674	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3676	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	15	0	N	E669
3677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3678	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3680	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3681	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3682	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3683	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3684	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3685	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	E669

[illegible]

	BF	BG	BH
3600	N		
3601	N		
3602	N		
3603	N		
3604	N		
3605	N		
3606	N		
3607	N		
3608	N		
3609	N		
3610	N		
3611	N		
3612	N		
3613	N		
3614	N		
3615	N		
3616	N		
3617	N		
3618	N		
3619	N		
3620	N		
3621	N		
3622	N		
3623	YES 19/02/10	Staph. Epidermidis * MSSA	
3624	N		
3625	N		
3626	N		
3627	N		
3628	N		
3629	N		
3630	N		
3631	N		
3632	N		
3633	N		
3634	N		
3635	N		
3636	N		
3637	N		
3638	N		
3639	N		
3640	N		
3641	N		
3642	N		
3643	N		
3644	N		
3645	N		
3646	N		
3647	N		
3648	N		
3649	N		
3650	N		
3651	N		
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3653	N		
3654	N		
3655	N		
3656	N		
3657	N		
3658	N		
3659	N		
3660	N		
3661	N		
3662	N		
3663	N		
3664	N		
3665	N		
3666	N		
3667	N		
3668	N		
3669	N		
3670	N		
3671	YES 04/02/10	Klebsiella pneumoniae & Staph. Epidermidis	
3672	N		
3673	YES 27/02/10	Staph. Epidermidis	
3674	N		
3675	N		
3676	YES 04/03/10	E Coli, Enterococcus Faecalis, Enterobacter Clocae	
3677	N		
3678	N		
3679	N		
3680	N		
3681	N		
3682	N		
3683	N		
3684	N		
3685	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3686	NT	57			W331	HIP	23-Feb-2010	N	N	N	N	7	N
3687	WG	66			W371	HIP	23-Feb-2010	N	N	N	N	6	N
3688	HX	54			W381	HIP	23-Feb-2010	N	N	N	N	2	N
3689	HX	62			W371	HIP	23-Feb-2010	N	N	N	N	3	N
3690	HX	62			W401	KNEE	23-Feb-2010	N	N	N	N	3	N
3691	NT	61			W381	HIP	24-Feb-2010	N	N	N	N	6	N
3692	HX	65			W401	KNEE	24-Feb-2010	N	N	N	N	2	N
3693	HX	59			W401	KNEE	24-Feb-2010	N	N	N	N	2	N
3694	WG	55			W371	HIP	25-Feb-2010	N	N	N	N	4	N
3695	HX	70			W401	KNEE	25-Feb-2010	N	N	N	N	1	N
3696	WG	71			W401	KNEE	26-Feb-2010	N	N	N	N	4	N
3697	NT	76			W371	HIP	26-Feb-2010	N	N	N	N	11	N
3698	HX	66			W381	HIP	26-Feb-2010	N	N	N	N	3	N
3699	HX	60			W381	HIP	26-Feb-2010	N	N	N	N	3	N
3700	HX	58			W381	HIP	26-Feb-2010	N	N	N	N	3	N
3701	WG	79			W401	KNEE	26-Feb-2010	N	N	N	N	7	N
3702	WG	83			W401	KNEE	26-Feb-2010	N	N	N	N	9	N
3703	HX	80			W401	KNEE	26-Feb-2010	N	N	N	N	3	N
3704	WG	62			W401	KNEE	26-Feb-2010	N	N	N	N	3	N
3705	HX	79			W401	KNEE	26-Feb-2010	N	N	N	N	4	N
3706	HX	77			W401	KNEE	26-Feb-2010	N	N	N	N	3	N
3707	HX	65			W401	KNEE	26-Feb-2010	N	N	N	N	3	N
3708	NT	80			W371	HIP	27-Feb-2010	N	N	N	N	13	N
3709	NT	70			W401	KNEE	27-Feb-2010	N	N	N	N	4	N
3710	NT	56			W381	HIP	01-Mar-2010	N	N	N	N	3	N
3711	WG	55			W371	HIP	01-Mar-2010	N	N	N	N	3	N
3712	WG	72			W371	HIP	01-Mar-2010	N	N	N	N	5	N
3713	HX	79			W401	KNEE	01-Mar-2010	N	N	N	N	3	N
3714	HX	65			W401	KNEE	01-Mar-2010	N	N	N	N	3	N
3715	WG	82			W401	KNEE	01-Mar-2010	N	N	N	N	17	N
3716	HX	71			W401	KNEE	01-Mar-2010	N	N	N	N	2	N
3717	NT	80			W381	HIP	02-Mar-2010	N	N	N	N	4	N
3718	WG	54			W401	KNEE	02-Mar-2010	N	N	N	N	5	N
3719	WG	74			W401	KNEE	02-Mar-2010	N	N	N	N	7	N
3720	WG	63			W401	KNEE	02-Mar-2010	N	N	N	N	3	N
3721	NT	59			W401	KNEE	02-Mar-2010	N	N	N	N	4	N
3722	NT	86			W401	KNEE	02-Mar-2010	N	N	N	N	3	N
3723	WG	75			W401	KNEE	02-Mar-2010	N	N	N	N	3	N
3724	NT	56			W381	HIP	03-Mar-2010	N	N	N	N	3	N
3725	HX	72			W371	HIP	03-Mar-2010	N	N	N	N	2	N
3726	WG	81			W371	HIP	03-Mar-2010	N	N	N	N	9	N
3727	HX	84			W371	HIP	03-Mar-2010	N	N	N	N	2	N
3728	HX	55			W371	HIP	03-Mar-2010	N	N	N	N	2	N
3729	NT	63			W401	KNEE	03-Mar-2010	N	N	N	N	5	N
3730	WG	70			W401	KNEE	03-Mar-2010	N	N	N	N	3	N
3731	HX	79			W401	KNEE	03-Mar-2010	N	N	N	N	5	N
3732	WG	70			W371	HIP	04-Mar-2010	N	N	N	N	2	N
3733	NT	79			W401	KNEE	05-Mar-2010	N	N	N	N	27	N
3734	WG	59			W371	HIP	05-Mar-2010	N	N	N	N	2	N
3735	HX	56			W381	HIP	05-Mar-2010	N	N	N	N	3	N
3736	HX	58			W371	HIP	05-Mar-2010	N	N	N	N	2	N
3737	NT	74			W401	KNEE	05-Mar-2010	N	N	N	N	6	N
3738	HX	71			W401	KNEE	05-Mar-2010	N	N	N	N	5	N
3739	NT	69			W401	KNEE	06-Mar-2010	N	N	N	N	4	N
3740	NT	64			W401	KNEE	06-Mar-2010	N	N	N	N	4	N
3741	NT	60			W381	HIP	08-Mar-2010	N	N	N	N	5	N
3742	WG	74			W401	KNEE	08-Mar-2010	N	N	N	N	2	N
3743	NT	81			W401	KNEE	08-Mar-2010	N	N	N	N	7	N
3744	WG	65			W371	HIP	09-Mar-2010	N	N	N	N	3	N
3745	WG	76			W371	HIP	09-Mar-2010	N	N	N	N	3	N
3746	WG	83			W371	HIP	09-Mar-2010	N	N	N	N	3	N
3747	NT	70			W381	HIP	09-Mar-2010	N	N	N	N	2	N
3748	NT	82			W401	KNEE	09-Mar-2010	N	N	N	N	13	N
3749	NT	77			W401	KNEE	09-Mar-2010	N	N	N	N	5	N
3750	NT	37			W371	HIP	10-Mar-2010	N	N	N	N	6	N
3751	NT	32			W381	HIP	10-Mar-2010	N	N	N	N	2	N
3752	NT	36			W371	HIP	10-Mar-2010	N	N	N	N	3	N
3753	HX	61			W371	HIP	10-Mar-2010	N	N	N	N	2	N
3754	HX	70			W371	HIP	10-Mar-2010	N	N	N	N	5	N
3755	NT	64			W411	KNEE	10-Mar-2010	N	N	N	N	2	N
3756	NT	81			W401	KNEE	10-Mar-2010	N	N	N	N	3	N
3757	HX	48			W401	KNEE	10-Mar-2010	N	N	N	N	2	N
3758	HX	89			W401	KNEE	11-Mar-2010	N	N	N	N	62	N
3759	NT	52			W381	HIP	11-Mar-2010	N	N	N	N	4	N
3760	NT	61			W401	KNEE	11-Mar-2010	N	N	N	N	4	N
3761	HX	72			W381	HIP	12-Mar-2010	N	N	N	N	4	N
3762	NT	58			W401	KNEE	12-Mar-2010	N	N	N	N	2	N
3763	NT	83			W401	KNEE	12-Mar-2010	N	N	N	N	13	N
3764	HX	85			W401	KNEE	12-Mar-2010	N	N	N	N	3	N
3765	HX	67			W381	HIP	13-Mar-2010	N	N	N	N	3	N
3766	WG	65			W371	HIP	15-Mar-2010	N	N	N	N	1	N
3767	NT	76			W371	HIP	15-Mar-2010	N	N	N	N	4	N
3768	WG	80			W401	KNEE	15-Mar-2010	N	N	N	N	2	N
3769	WG	60			W401	KNEE	15-Mar-2010	N	N	N	N	2	N
3770	WG	68			W371	HIP	16-Mar-2010	N	N	N	N	4	N
3771	HX	57			W381	HIP	16-Mar-2010	N	N	N	N	2	N
3772	WG	72			W401	KNEE	16-Mar-2010	N	N	N	N	2	N
3773	WG	75			W401	KNEE	16-Mar-2010	N	N	N	N	3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3686	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3687	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	9	0	N	
3688	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3689	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3690	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3691	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3692	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3693	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3694	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3695	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3696	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3697	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3698	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3699	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3700	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3701	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3702	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3704	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3705	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3706	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	E669
3707	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3708	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3709	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3710	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3711	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3712	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3713	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3714	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3715	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3716	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3717	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3718	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3719	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3720	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3721	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E668
3722	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	10	0	N	
3723	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3724	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3725	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3726	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3727	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3728	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3729	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3730	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3731	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3732	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3733	N	N	N	Y	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	Y	E669
3734	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3735	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3736	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3737	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3738	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3739	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3740	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3741	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3742	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3743	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3744	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3745	N	N	N	N	Y	N	N	N	N	N	Y	N	Y	1	0	0	N	
3746	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	0	0	N	E669
3747	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3748	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3749	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3750	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3751	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3752	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3753	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3754	Y	N	N	N	N	Y	N	N	N	N	N	N	N	Y	4	0	N	
3755	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3757	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
3758	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3759	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3761	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3762	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3763	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	6	0	N	E669
3764	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3765	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3766	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3767	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3768	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3769	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3770	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3771	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	E669
3772	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3773	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
3686	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3687	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3688	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3689	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3690	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3691	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3692	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3693	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3694	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3695	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3696	0	HA06Z	Reconstruction Procedures Category 1					
3697	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3698	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3699	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3700	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3701	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
3702	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
3703	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3704	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3705	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3706	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3707	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3708	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
3709	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3710	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3711	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3712	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3713	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3714	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3715	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3716	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3717	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3718	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
3719	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3720	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3721	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3722	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3723	0	HB23B	Intermediate Knee Procedures for Non Trauma with CC					
3724	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3725	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
3726	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3727	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3728	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3729	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3730	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3731	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3732	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3733	0							
3734	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3735	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3736	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3737	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3738	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3739	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3740	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3741	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3742	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3743	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3744	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3745	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3746	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3747	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3748	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
3749	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3750	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3751	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3752	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3753	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3754	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3755	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3756	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3757	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3758	0							
3759	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3760	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3761	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3762	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3763	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3764	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3765	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3766	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3767	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3768	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3769	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3770	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3771	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3772	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3773	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					

	BF	BG	BH
3686	N		
3687	YES 08/03/10	Staph Epidermidis	
3688	N		
3689	N		
3690	N		
3691	N		
3692	N		
3693	N		
3694	N		
3695	N		
3696	N		
3697	N		
3698	N		
3699	N		
3700	N		
3701	N		
3702	N		
3703	N		
3704	N		
3705	N		
3706	N		
3707	N		
3708	N		
3709	N		
3710	N		
3711	N		
3712	N		
3713	N		
3714	N		
3715	N		
3716	N		
3717	N		
3718	N		
3719	N		
3720	N		
3721	N		
3722	N		
3723	N		
3724	N		
3725	N		
3726	N		
3727	N		
3728	N		
3729	N		
3730	N		
3731	N		
3732	N		
3733	N		
3734	N		
3735	N		
3736	N		
3737	N		
3738	N		
3739	N		
3740	N		
3741	N		
3742	N		
3743	N		
3744	N		
3745	N		
3746	N		
3747	N		
3748	N		
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3756	N		
3757	N		
3758	N		
3759	N		
3760	N		
3761	N		
3762	N		
3763	N		
3764	N		
3765	N		
3766	N		
3767	N		
3768	N		
3769	N		
3770	N		
3771	N		
3772	N		
3773	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3774		HX	85		W401	KNEE	16-Mar-2010	N	N	N	N	8	N
3775		HX	74		W401	KNEE	16-Mar-2010	N	N	N	N	3	N
3776		NT	71		W371	HIP	17-Mar-2010	N	N	N	N	6	N
3777		WG	63		W371	HIP	17-Mar-2010	N	N	N	N	2	N
3778		HX	82		W371	HIP	17-Mar-2010	N	N	N	N	6	N
3779		HX	75		W371	HIP	17-Mar-2010	N	N	N	N	3	N
3780		WG	79		W401	KNEE	17-Mar-2010	N	N	N	N	3	N
3781		NT	72		W401	KNEE	17-Mar-2010	N	N	N	N	3	N
3782		WG	78		W401	KNEE	17-Mar-2010	N	N	N	N	3	N
3783		WG	63		W401	KNEE	17-Mar-2010	N	N	N	N	4	N
3784		WG	43		W401	KNEE	17-Mar-2010	N	N	N	N	3	N
3785		WG	63		W371	HIP	18-Mar-2010	N	N	N	N	6	N
3786		WG	71		W401	KNEE	18-Mar-2010	N	N	N	N	6	N
3787		NT	76		W371	HIP	19-Mar-2010	N	N	N	N	5	N
3788		WG	80		W371	HIP	19-Mar-2010	N	N	N	N	5	N
3789		HX	72		W401	KNEE	19-Mar-2010	N	N	N	N	2	N
3790		NT	70		W401	KNEE	19-Mar-2010	N	N	N	N	6	N
3791		HX	76		W401	KNEE	19-Mar-2010	N	N	N	N	4	N
3792		HX	87		W401	KNEE	19-Mar-2010	N	N	N	N	4	N
3793		NT	80		W381	HIP	20-Mar-2010	N	N	N	N	3	N
3794		NT	53		W401	KNEE	20-Mar-2010	N	N	N	N	8	N
3795		NT	80		W401	KNEE	20-Mar-2010	N	N	N	N	4	N
3796		NT	60		W401	KNEE	20-Mar-2010	N	N	N	N	4	N
3797		WG	53		W371	HIP	22-Mar-2010	N	N	N	N	6	N
3798		HX	83		W371	HIP	22-Mar-2010	N	N	N	N	8	N
3799		HX	62		W401	KNEE	22-Mar-2010	N	N	N	N	2	N
3800		WG	45		W401	KNEE	22-Mar-2010	N	N	N	N	3	N
3801		HX	81		W401	KNEE	22-Mar-2010	N	N	N	N	3	N
3802		WG	80		W401	KNEE	23-Mar-2010	N	N	N	N	29	N
3803		NT	67		W381	HIP	23-Mar-2010	N	N	N	N	5	N
3804		WG	68		W371	HIP	23-Mar-2010	N	N	N	N	2	N
3805		HX	64		W371	HIP	23-Mar-2010	N	N	N	N	3	N
3806		WG	76		W401	KNEE	23-Mar-2010	N	N	N	N	2	N
3807		HX	72		W401	KNEE	23-Mar-2010	N	N	N	N	2	N
3808		HX	66		W401	KNEE	24-Mar-2010	N	N	N	N	3	N
3809		HX	53		W401	KNEE	24-Mar-2010	N	N	N	N	2	N
3810		WG	73		W371	HIP	25-Mar-2010	N	N	N	N	2	N
3811		WG	61		W371	HIP	25-Mar-2010	N	N	N	N	2	N
3812		WG	64		W371	HIP	25-Mar-2010	N	N	N	N	4	N
3813		WG	75		W401	KNEE	26-Mar-2010	N	N	N	N	6	N
3814		NT	60		W401	KNEE	26-Mar-2010	N	N	N	N	11	N
3815		WG	78		W371	HIP	26-Mar-2010	N	N	N	N	4	N
3816		WG	74		W371	HIP	26-Mar-2010	N	N	N	N	4	N
3817		NT	68		W401	KNEE	26-Mar-2010	N	N	N	N	5	N
3818		NT	67		W401	KNEE	26-Mar-2010	N	N	N	N	4	N
3819		WG	75		W401	KNEE	26-Mar-2010	N	N	N	N	2	N
3820		NT	56		W401	KNEE	27-Mar-2010	N	N	N	N	9	N
3821		WG	74		W401	KNEE	27-Mar-2010	N	N	N	N	3	N
3822		WG	49		W381	HIP	28-Mar-2010	N	N	N	N	2	N
3823		WG	71		W371	HIP	28-Mar-2010	N	N	N	N	2	N
3824		WG	70		W371	HIP	29-Mar-2010	N	N	N	N	3	N
3825		WG	60		W371	HIP	29-Mar-2010	N	N	N	N	2	N
3826		WG	63		W371	HIP	29-Mar-2010	N	N	N	N	2	N
3827		WG	64		W401	KNEE	29-Mar-2010	N	N	N	N	2	N
3828		NT	78		W371	HIP	30-Mar-2010	N	N	N	N	6	N
3829		WG	72		W371	HIP	30-Mar-2010	N	N	N	N	6	N
3830		WG	47		W401	KNEE	30-Mar-2010	N	N	N	N	2	N
3831		WG	85		W401	KNEE	30-Mar-2010	N	N	N	N	2	N
3832		WG	67		W401	KNEE	30-Mar-2010	N	N	N	N	2	N
3833		NT	57		W401	KNEE	30-Mar-2010	N	N	N	N	5	N
3834		HX	58		W371	HIP	30-Mar-2010	N	N	N	N	2	N
3835		HX	72		W371	HIP	30-Mar-2010	N	N	N	N	2	N
3836		HX	64		W371	HIP	30-Mar-2010	N	N	N	N	3	N
3837		HX	58		W401	KNEE	30-Mar-2010	N	N	N	N	2	N
3838		WG	67		W401	KNEE	31-Mar-2010	N	N	N	N	3	N
3839		WG	78		W401	KNEE	31-Mar-2010	N	N	N	N	4	N
3840		WG	67		W371	HIP	31-Mar-2010	N	N	N	N	4	N
3841		NT	73		W401	KNEE	31-Mar-2010	N	N	N	N	4	N
3842		HX	77		W371	HIP	31-Mar-2010	N	N	N	N	6	N
3843		HX	80		W401	KNEE	31-Mar-2010	N	N	N	N	6	N
3844		WG	66		W371	HIP	31-Mar-2010	N	N	N	N	5	N
3845		WG	72		W401	KNEE	01-Apr-2010	N	N	N	N	5	N
3846		WG	70		W371	HIP	01-Apr-2010	N	N	N	N	2	N
3847		NT	73		W401	KNEE	01-Apr-2010	N	N	N	N	5	N
3848		HX	64		W401	KNEE	01-Apr-2010	N	N	N	N	3	N
3849		HX	71		W371	HIP	01-Apr-2010	N	N	N	N	3	N
3850		WG	79		W401	KNEE	06-Apr-2010	N	N	N	N	4	N
3851		WG	78		W401	KNEE	06-Apr-2010	N	N	N	N	3	N
3852		WG	76		W401	KNEE	06-Apr-2010	N	N	N	N	4	N
3853		WG	88		W401	KNEE	06-Apr-2010	N	N	N	N	7	N
3854		WG	68		W401	KNEE	06-Apr-2010	N	N	N	N	2	N
3855		NT	60		W401	KNEE	06-Apr-2010	N	N	N	N	5	N
3856		WG	62		W401	KNEE	07-Apr-2010	N	N	N	N	3	N
3857		WG	79		W401	KNEE	07-Apr-2010	N	N	N	N	6	N
3858		NT	64		W401	KNEE	07-Apr-2010	N	N	N	N	3	N
3859		NT	79		W371	HIP	07-Apr-2010	N	N	N	N	6	N
3860		WG	63		W401	KNEE	07-Apr-2010	N	N	N	N	2	N
3861		HX	54		W371	HIP	07-Apr-2010	N	N	N	N	2	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
3774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3776	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3777	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3778	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3779	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3780	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3781	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3784	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3785	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3786	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3787	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3788	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3789	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3790	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	Y	N
3791	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3792	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3793	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3794	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3795	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3797	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3798	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3799	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3808	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3810	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3813	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3814	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	Y
3815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
3816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3817	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
3818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3820	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
3822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3823	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3824	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3826	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3827	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3828	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
3829	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3830	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3832	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3833	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3834	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3836	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3839	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3840	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3842	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3843	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3844	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
3845	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3846	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3847	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3848	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3849	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3850	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3853	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3854	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
3855	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3856	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3857	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3858	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3859	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
3860	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3776	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3777	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3778	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3779	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3780	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3781	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3784	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3785	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	1	Y	
3786	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E668
3787	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3788	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3789	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3790	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3791	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3793	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3795	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3797	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3798	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3802	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3803	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3806	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3808	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3810	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3813	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3814	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3815	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3816	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3820	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	E668
3821	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3823	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3824	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	12	0	N	
3825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3829	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3830	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3832	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3833	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3834	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3835	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3836	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
3837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3838	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3839	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	10	0	N	
3840	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	Y	
3841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3842	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	9	0	N	
3843	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3844	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3845	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3847	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3849	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3852	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3853	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3854	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3855	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3856	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3857	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3858	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3859	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3860	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3861	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668

	AX	AY	AZ	BA	BB	BC	BD	BE
3774	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3775	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3776	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3777	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3778	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3779	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3780	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3781	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3782	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3783	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3784	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3785	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3786	0	HB21A	Major Knee Procedures for Non Trauma Category 2 with Major CC					
3787	0	HB11A	Major Hip Procedures for Non Trauma Category 2 with Major CC					
3788	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3789	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3790	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3791	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3792	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3793	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3794	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3795	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3796	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3797	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3798	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3799	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3800	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3801	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3802	0							
3803	0	HB11B	Major Hip Procedures for Non Trauma Category 2 with CC					
3804	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3805	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3806	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3807	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3808	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3809	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3810	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3811	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3812	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3813	0							
3814	0							
3815	0	HB12A	Major Hip Procedures for Non Trauma Category 1 with Major CC					
3816	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3817	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3818	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3819	0	HB21C	Major Knee Procedures for Non Trauma Category 2 without CC					
3820	0							
3821	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3822	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3823	0	HB12B	Major Hip Procedures for Non Trauma Category 1 with CC					
3824	0							
3825	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3826	0	HB12C	Major Hip Procedures for Non Trauma Category 1 without CC					
3827	0	HB21B	Major Knee Procedures for Non Trauma Category 2 with CC					
3828	0							
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3861	0							

	BF	BG	BH
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3775	N		
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3861	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3862		HX	71		W371	HIP	07-Apr-2010	N		N		9	N
3863		HX	75		W401	KNEE	08-Apr-2010	N		N		3	N
3864		HX	63		W401	KNEE	08-Apr-2010	N		N		3	N
3865		WG	72		W371	HIP	08-Apr-2010	N		N		4	N
3866		NT	70		W371	HIP	09-Apr-2010	N		N		3	N
3867		NT	75		W371	HIP	09-Apr-2010	N		N		3	N
3868		NT	59		W401	KNEE	09-Apr-2010	N		N		4	N
3869		NT	57		W381	HIP	09-Apr-2010	N		N		3	N
3870		HX	56		W401	KNEE	09-Apr-2010	N		N		2	N
3871		HX	83		W401	KNEE	09-Apr-2010	N		N		6	N
3872		WG	69		W401	KNEE	12-Apr-2010	N		N		8	N
3873		HX	82		W401	KNEE	12-Apr-2010	N		N		2	N
3874		HX	73		W401	KNEE	12-Apr-2010	N		N		5	N
3875		NT	66		W401	KNEE	13-Apr-2010	N		N		7	N
3876		NT	57		W401	KNEE	13-Apr-2010	N		N		4	N
3877		NT	74		W401	KNEE	13-Apr-2010	N		N		4	N
3878		NT	80		W401	KNEE	13-Apr-2010	N		N		62	N
3879		WG	67		W401	KNEE	13-Apr-2010	N		N		3	N
3880		WG	71		W401	KNEE	13-Apr-2010	N		N		3	N
3881		NT	76		W371	HIP	13-Apr-2010	N		N		3	N
3882		NT	56		W381	HIP	14-Apr-2010	N		N		2	N
3883		NT	64		W401	KNEE	14-Apr-2010	N		N		3	N
3884		WG	63		W401	KNEE	15-Apr-2010	N		N		3	N
3885		HX	83		W401	KNEE	15-Apr-2010	N		N		4	N
3886		HX	68		W401	KNEE	16-Apr-2010	N		N		3	N
3887		NT	53		W401	KNEE	17-Apr-2010	N		N		2	N
3888		WG	98		W401	KNEE	17-Apr-2010	N		N		2	N
3889		WG	70		W371	HIP	17-Apr-2010	N		N		2	N
3890		WG	76		W401	KNEE	19-Apr-2010	N		N		4	N
3891		WG	75		W401	KNEE	19-Apr-2010	Y	Y	N	N	14	N
3892		WG	83		W401	KNEE	19-Apr-2010	N		N		13	N
3893		WG	73		W401	KNEE	19-Apr-2010	N		N		3	N
3894		HX	79		W371	HIP	19-Apr-2010	N		N		7	N
3895		HX	74		W401	KNEE	19-Apr-2010	N		N		3	N
3896		HX	71		W401	KNEE	19-Apr-2010	N		N		2	N
3897		HX	82		W401	KNEE	19-Apr-2010	N		N		3	N
3898		HX	34		W381	HIP	19-Apr-2010	N		N		2	N
3899		HX	83		W401	KNEE	19-Apr-2010	N		N		2	N
3900		WG	60		W401	KNEE	20-Apr-2010	N		N		3	N
3901		HX	56		W381	HIP	20-Apr-2010	N		N		2	N
3902		NT	52		W381	HIP	20-Apr-2010	N		N		3	N
3903		NT	81		W371	HIP	20-Apr-2010	N		N		58	Y
3904		NT	59		W401	KNEE	20-Apr-2010	N		N		7	N
3905		NT	78		W371	HIP	20-Apr-2010	N		N		7	N
3906		WG	61		W401	KNEE	20-Apr-2010	N		N		5	N
3907		WG	78		W371	HIP	20-Apr-2010	N		N		4	N
3908		NT	73		W371	HIP	20-Apr-2010	N		N		5	N
3909		HX	63		W401	KNEE	20-Apr-2010	N		N		2	N
3910		HX	71		W371	HIP	20-Apr-2010	N		N		3	N
3911		HX	53		W401	KNEE	20-Apr-2010	N		N		3	N
3912		WG	71		W401	KNEE	21-Apr-2010	N		N		4	N
3913		NT	57		W401	KNEE	21-Apr-2010	N		N		5	N
3914		NT	73		W381	HIP	21-Apr-2010	N		N		5	N
3915		NT	47		W371	HIP	21-Apr-2010	N		N		2	N
3916		NT	83		W371	HIP	21-Apr-2010	N		N		2	N
3917		WG	52		W401	KNEE	21-Apr-2010	N		N		3	N
3918		NT	72		W401	KNEE	21-Apr-2010	N		N		3	N
3919		HX	75		W371	HIP	21-Apr-2010	N		N		3	N
3920		WG	56		W371	HIP	22-Apr-2010	N		N		2	N
3921		NT	70		W381	HIP	22-Apr-2010	N		N		5	N
3922		WG	81		W371	HIP	22-Apr-2010	N		N		7	N
3923		WG	76		W401	KNEE	22-Apr-2010	N		N		5	N
3924		WG	83		W401	KNEE	22-Apr-2010	N		N		2	N
3925		WG	76		W371	HIP	23-Apr-2010	N		N		2	N
3926		NT	74		W371	HIP	23-Apr-2010	N		N		4	N
3927		WG	86		W401	KNEE	23-Apr-2010	N		N		7	N
3928		NT	72		W401	KNEE	23-Apr-2010	N		N		4	N
3929		WG	79		W401	KNEE	23-Apr-2010	N		N		5	N
3930		WG	72		W401	KNEE	23-Apr-2010	N		N		2	N
3931		HX	79		W401	KNEE	23-Apr-2010	N		N		3	N
3932		HX	76		W401	KNEE	23-Apr-2010	N		N		8	N
3933		NT	85		W401	KNEE	26-Apr-2010	N		N		6	N
3934		NT	72		W401	KNEE	26-Apr-2010	N		N		5	N
3935		HX	63		W371	HIP	26-Apr-2010	N		N		2	N
3936		HX	70		W371	HIP	26-Apr-2010	N		N		2	N
3937		HX	88		W401	KNEE	26-Apr-2010	N		N		3	N
3938		HX	70		W371	HIP	26-Apr-2010	N		N		2	N
3939		NT	69		W371	HIP	27-Apr-2010	N		N		4	N
3940		WG	72		W401	KNEE	27-Apr-2010	N		N		3	N
3941		WG	57		W371	HIP	27-Apr-2010	N		N		3	N
3942		WG	84		W401	KNEE	27-Apr-2010	N		N		15	N
3943		NT	76		W401	KNEE	27-Apr-2010	N		N		5	N
3944		NT	70		W401	KNEE	27-Apr-2010	N		N		4	N
3945		NT	75		W401	KNEE	27-Apr-2010	N		N		9	N
3946		NT	58		W381	HIP	27-Apr-2010	N		N		3	N
3947		NT	70		W381	HIP	27-Apr-2010	N		N		3	N
3948		HX	62		W401	KNEE	27-Apr-2010	N		N		3	N
3949		HX	77		W371	HIP	27-Apr-2010	N		N		3	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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3863	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3864	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	E659
3865	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3866	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3867	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3868	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3869	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3870	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3871	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3872	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
3873	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	F659
3874	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3875	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
3876	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3877	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3878	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3880	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3881	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3882	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
3883	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3884	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3886	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
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3888	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	
3889	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	
3890	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3891	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
3892	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3893	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3894	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3895	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3896	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3898	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3899	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3900	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3901	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3902	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E659
3904	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3905	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3906	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E668
3907	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	#NULL!	0	N	
3908	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3909	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
3910	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	7	0	N	
3911	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3913	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3914	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3915	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3916	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3919	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E659
3921	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3923	N	N	N	Y	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E659
3924	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
3925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3928	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3929	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3930	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3931	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	F659
3932	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
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3940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3944	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	10	1	N	E659
3945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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3948	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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	BF	BG	BH
3862	N		
3863	N		
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3871	N		
3872	N		
3873	N		
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3875	N		
3876	N		
3877	N		
3878	YES	Serratia Marcescens/MSSA	
3879	N		
3880	N		
3881	N		
3882	N		
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3886	N		
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3903	YES	staph epidermidis/Enterococcus faecalis	
3904	N		
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3929	YES 07/05/10	Staph. Aureus	
3930	N		
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3949	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
3950		HX	58		W401	KNEE	27-Apr-2010	N		N		3	N
3951		HX	44		W401	KNEE	27-Apr-2010	N		N		2	N
3952		WG	55		W401	KNEE	27-Apr-2010	N		N		7	N
3953		NT	51		W401	KNEE	28-Apr-2010	N		N		7	N
3954		NT	73		W401	KNEE	28-Apr-2010	N		N		5	N
3955		WG	63		W401	KNEE	28-Apr-2010	N		N		3	N
3956		WG	76		W371	HIP	29-Apr-2010	N		N		4	N
3957		WG	72		W371	HIP	29-Apr-2010	N		N		2	N
3958		HX	64		W401	KNEE	29-Apr-2010	N		N		3	N
3959		NT	80		W381	HIP	30-Apr-2010	N		N		5	N
3960		WG	72		W401	KNEE	30-Apr-2010	N		N		5	N
3961		WG	81		W371	HIP	30-Apr-2010	N		N		4	N
3962		NT	53		W401	KNEE	30-Apr-2010	N		N		8	N
3963		NT	66		W401	KNEE	30-Apr-2010	N		N		4	N
3964		WG	76		W371	HIP	30-Apr-2010	N	N		Y	30	N
3965		WG	61		W401	KNEE	30-Apr-2010	N		N		2	N
3966		NT	72		W401	KNEE	30-Apr-2010	N		N		4	N
3967		NT	69		W381	HIP	30-Apr-2010	N		N		5	N
3968		WG	77		W401	KNEE	01-May-2010	N		N		10	N
3969		WG	62		W371	HIP	01-May-2010	N		N		6	N
3970		WG	69		W401	KNEE	04-May-2010	N		N		4	N
3971		WG	62		W401	KNEE	04-May-2010	N		N		2	N
3972		NT	77		W381	HIP	04-May-2010	N		N		5	N
3973		HX	70		W401	KNEE	04-May-2010	N		N		2	N
3974		HX	74		W401	KNEE	04-May-2010	N		N		2	N
3975		HX	61		W401	KNEE	04-May-2010	N		N		3	N
3976		WG	75		W401	KNEE	05-May-2010	N		N		2	N
3977		WG	52		W401	KNEE	05-May-2010	N		N		2	N
3978		WG	87		W381	HIP	05-May-2010	N		N		9	N
3979		NT	57		W401	KNEE	05-May-2010	N		N		3	N
3980		HX	66		W371	HIP	05-May-2010	N		N		12	N
3981		HX	86		W401	KNEE	05-May-2010	N		N		5	N
3982		HX	65		W381	HIP	05-May-2010	N		N		6	N
3983		HX	75		W401	KNEE	05-May-2010	N		N		4	N
3984		WG	86		W401	KNEE	06-May-2010	N		N		8	N
3985		WG	71		W401	KNEE	06-May-2010	N		N		3	N
3986		HX	84		W401	KNEE	06-May-2010	N		N		3	N
3987		HX	72		W401	KNEE	06-May-2010	N		N		4	N
3988		WG	59		W371	HIP	07-May-2010	N		N		3	N
3989		WG	40		W371	HIP	07-May-2010	N		N		4	N
3990		WG	67		W401	KNEE	07-May-2010	N		N		3	N
3991		NT	59		W401	KNEE	07-May-2010	N		N		4	N
3992		WG	77		W371	HIP	07-May-2010	N		N		6	N
3993		NT	72		W401	KNEE	07-May-2010	N		N		21	N
3994		NT	63		W401	KNEE	07-May-2010	N		N		8	N
3995		HX	63		W371	HIP	07-May-2010	N		N		2	N
3996		HX	72		W401	KNEE	07-May-2010	N		N		2	N
3997		HX	71		W371	HIP	08-May-2010	N		N		3	N
3998		HX	81		W401	KNEE	08-May-2010	N		N		3	N
3999		WG	81		W401	KNEE	10-May-2010	N		N		10	N
4000		WG	70		W401	KNEE	10-May-2010	N		N		2	N
4001		HX	63		W401	KNEE	10-May-2010	N		N		2	N
4002		NT	73		W401	KNEE	11-May-2010	N		N		7	N
4003		WG	53		W401	KNEE	11-May-2010	N		N		3	N
4004		WG	75		W371	HIP	11-May-2010	N		N		4	N
4005		WG	55		W401	KNEE	11-May-2010	N		N		5	N
4006		WG	75		W401	KNEE	11-May-2010	N		N		2	N
4007		NT	74		W401	KNEE	11-May-2010	N		N		13	N
4008		NT	83		W381	HIP	11-May-2010	N		N		10	N
4009		HX	67		W371	HIP	11-May-2010	N		N		2	N
4010		WG	63		W371	HIP	11-May-2010	N		N		3	N
4011		WG	72		W401	KNEE	11-May-2010	N		N		3	N
4012		WG	69		W401	KNEE	11-May-2010	N		N		4	N
4013		NT	76		W401	KNEE	11-May-2010	N		N		9	N
4014		HX	53		W371	HIP	11-May-2010	N		N		3	N
4015		WG	90		W401	KNEE	12-May-2010	N		N		30	N
4016		HX	63		W381	HIP	12-May-2010	N		N		4	N
4017		NT	78		W401	KNEE	12-May-2010	N		N		6	N
4018		WG	87		W401	KNEE	12-May-2010	N		N		2	N
4019		HX	57		W381	HIP	12-May-2010	N		N		1	N
4020		HX	60		W371	HIP	12-May-2010	N		N		6	N
4021		HX	66		W371	HIP	12-May-2010	N		N		3	N
4022		HX	67		W371	HIP	12-May-2010	N		N		3	N
4023		WG	58		W371	HIP	13-May-2010	N		N		2	N
4024		NT	75		W371	HIP	13-May-2010	N		N		7	N
4025		WG	76		W401	KNEE	13-May-2010	N		N		12	N
4026		HX	60		W401	KNEE	13-May-2010	N		N		4	N
4027		HX	57		W371	HIP	13-May-2010	N		N		3	N
4028		HX	73		W401	KNEE	13-May-2010	N		N		4	N
4029		HX	67		W401	KNEE	13-May-2010	N		N		2	N
4030		NT	83		W401	KNEE	14-May-2010	N		N		3	N
4031		NT	70		W401	KNEE	14-May-2010	N		N		11	N
4032		NT	62		W401	KNEE	14-May-2010	N		N		6	N
4033		HX	71		W381	HIP	14-May-2010	N		N		3	N
4034		HX	53		W381	HIP	14-May-2010	N		N		4	N
4035		WG	73		W401	KNEE	17-May-2010	N		N		4	N
4036		WG	61		W401	KNEE	17-May-2010	N		N		2	N
4037		NT	61		W381	HIP	17-May-2010	N		N		10	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
3950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3952	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3962	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3965	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3968	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	N	Y
3969	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3973	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3974	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3975	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3980	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3981	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
3982	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3984	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
3985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
3991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3993	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
3994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3995	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
3997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
3999	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
4000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4002	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4003	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4005	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4006	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4007	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4015	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	Y
4016	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4017	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4018	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4019	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4020	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
4021	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4022	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4023	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4024	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4025	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N
4026	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4027	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4028	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4029	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4030	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4031	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4032	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4033	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4034	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4035	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4037	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
3950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3951	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
3952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	17	0	N	E668
3953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3954	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3956	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3958	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
3959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3962	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3965	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3967	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	E669
3968	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	
3969	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	1	N	
3970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3971	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3973	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3974	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
3975	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
3979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3981	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3982	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	0	N	
3983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3984	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3990	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3991	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
3992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3993	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
3994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3995	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	0	N	
3996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
3999	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4002	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4003	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4005	N	N	N	Y	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4006	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4008	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	0	0	N	
4015	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4016	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	12	1	N	
4017	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4018	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4019	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4020	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4021	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4022	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4023	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4024	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4025	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4026	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4027	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4028	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4029	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E668
4030	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4031	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4032	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4033	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4034	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4035	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4037	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

	AX	AY	AZ	BA	BB	BC	BD	BE
3950	0							
3951	0							
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4031	0							
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4033	0							
4034	0							
4035	0							
4036	0							
4037	0							

	BF	BG	BP
3950	N		
3951	N		
3952	YES 10/05/10	Staph Aureus & Staph Epidermidis	
3953	N		
3954	N		
3955	N		
3956	N		
3957	N		
3958	N		
3959	N		
3960	N		
3961	N		
3962	N		
3963	N		
3964	YES 12/05/10	Staph Epidermidis	
3965	N		
3966	N		
3967	N		
3968	N		
3969	N		
3970	N		
3971	N		
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4029	N		
4030	N		
4031	N		
4032	N		
4033	N		
4034	N		
4035	N		
4036	N		
4037	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4038		WG	72		W401	KNEE	17-May-2010	N		N		30	N
4039		WG	60		W401	KNEE	17-May-2010	N		N		3	N
4040		HX	45		W371	HIP	17-May-2010	N		N		2	N
4041		HX	66		W371	HIP	17-May-2010	N		N		10	N
4042		HX	55		W391	HIP	17-May-2010	N		N		7	N
4043		HX	51		W371	HIP	17-May-2010	N		N		2	N
4044		WG	76		W401	KNEE	18-May-2010	N		N		7	N
4045		WG	77		W401	KNEE	18-May-2010	N		N		4	N
4046		NT	61		W391	HIP	18-May-2010	N		N		3	N
4047		WG	64		W401	KNEE	18-May-2010	N		N		3	N
4048		WG	67		W401	KNEE	18-May-2010	N		N		2	N
4049		NT	58		W401	KNEE	18-May-2010	N		N		2	N
4050		NT	74		W371	HIP	18-May-2010	N		N		5	N
4051		HX	60		W371	HIP	18-May-2010	N		N		2	N
4052		HX	58		W401	KNEE	18-May-2010	N		N		2	N
4053		HX	54		W401	KNEE	18-May-2010	N		N		2	N
4054		HX	69		W401	KNEE	18-May-2010	N		N		2	N
4055		HX	67		W401	KNEE	18-May-2010	N		N		2	N
4056		NT	76		W401	KNEE	19-May-2010	N		N		3	N
4057		NT	67		W401	KNEE	19-May-2010	N		N		2	N
4058		WG	78		W401	KNEE	19-May-2010	N		N		3	N
4059		HX	69		W371	HIP	19-May-2010	N		N		5	N
4060		WG	70		W371	HIP	20-May-2010	N		N		6	N
4061		WG	83		W401	KNEE	20-May-2010	N		N		22	N
4062		HX	78		W371	HIP	20-May-2010	N		N		4	N
4063		WG	68		W401	KNEE	20-May-2010	N		N		7	N
4064		HX	58		W391	HIP	20-May-2010	N		N		3	N
4065		WG	33		W401	KNEE	21-May-2010	N		N		2	N
4066		WG	52		W371	HIP	21-May-2010	Y	Y	N	N	0	N
4067		NT	67		W371	HIP	21-May-2010	N		N		3	N
4068		NT	78		W371	HIP	21-May-2010	N		N		5	N
4069		WG	72		W371	HIP	21-May-2010	N		N		6	N
4070		HX	72		W401	KNEE	21-May-2010	N		N		2	N
4071		HX	61		W401	KNEE	21-May-2010	N		N		3	N
4072		NT	60		W401	KNEE	22-May-2010	N		N		6	N
4073		WG	61		W401	KNEE	23-May-2010	N		N		3	N
4074		WG	49		W401	KNEE	23-May-2010	N		N		3	N
4075		WG	49		W391	HIP	23-May-2010	N		N		2	N
4076		WG	59		W401	KNEE	23-May-2010	N		N		5	N
4077		WG	64		W401	KNEE	24-May-2010	N		N		4	N
4078		WG	83		W371	HIP	24-May-2010	N		N		16	N
4079		WG	85		W371	HIP	24-May-2010	N		N		3	N
4080		HX	51		W371	HIP	24-May-2010	N		N		1	N
4081		HX	52		W391	HIP	24-May-2010	N		N		3	N
4082		HX	60		W371	HIP	24-May-2010	N		N		2	N
4083		WG	53		W371	HIP	25-May-2010	N		N		3	N
4084		WG	67		W401	KNEE	25-May-2010	N		N		3	N
4085		NT	74		W391	HIP	25-May-2010	N		N		8	N
4086		HX	73		W371	HIP	25-May-2010	N		N		5	N
4087		WG	77		W401	KNEE	25-May-2010	N		N		3	N
4088		WG	58		W401	KNEE	25-May-2010	N		N		3	N
4089		NT	61		W391	HIP	25-May-2010	N		N		5	N
4090		NT	84		W371	HIP	25-May-2010	N		N		4	N
4091		HX	56		W371	HIP	25-May-2010	N		N		3	N
4092		HX	76		W371	HIP	25-May-2010	N		N		3	N
4093		WG	72		W371	HIP	26-May-2010	N		N		2	N
4094		WG	61		W371	HIP	26-May-2010	N		N		5	N
4095		NT	90		W401	KNEE	26-May-2010	N		N		42	N
4096		NT	74		W401	KNEE	26-May-2010	N		N		7	N
4097		NT	74		W401	KNEE	26-May-2010	N		N		7	N
4098		WG	67		W401	KNEE	26-May-2010	N		N		2	N
4099		WG	59		W371	HIP	26-May-2010	N		N		2	N
4100		HX	53		W391	HIP	26-May-2010	N		N		3	N
4101		HX	63		W371	HIP	26-May-2010	N		N		3	N
4102		HX	78		W401	KNEE	26-May-2010	N		N		3	N
4103		WG	72		W401	KNEE	27-May-2010	N		N		2	N
4104		WG	69		W401	KNEE	27-May-2010	N		N		2	N
4105		WG	22		W371	HIP	27-May-2010	N		N		3	N
4106		WG	72		W401	KNEE	27-May-2010	N		N		3	N
4107		NT	70		W371	HIP	27-May-2010	N		N		3	N
4108		HX	68		W371	HIP	27-May-2010	N		N		2	N
4109		WG	50		W401	KNEE	28-May-2010	N		N		4	N
4110		WG	83		W371	HIP	28-May-2010	N		N		7	N
4111		NT	71		W401	KNEE	28-May-2010	N		N		4	N
4112		HX	73		W401	KNEE	28-May-2010	N		N		3	N
4113		WG	61		W401	KNEE	01-Jun-2010	N		N		7	N
4114		WG	81		W401	KNEE	01-Jun-2010	N		N		6	N
4115		NT	57		W401	KNEE	01-Jun-2010	N		N		14	N
4116		NT	78		W401	KNEE	01-Jun-2010	N		N		6	N
4117		WG	75		W401	KNEE	01-Jun-2010	N		N		3	N
4118		NT	73		W411	KNEE	01-Jun-2010	N		N		6	N
4119		WG	50		W371	HIP	01-Jun-2010	N		N		3	N
4120		WG	59		W401	KNEE	02-Jun-2010	N		N	N	3	N
4121		WG	68		W401	KNEE	02-Jun-2010	N		N	N	1	N
4122		NT	70		W401	KNEE	02-Jun-2010	N		N	N	5	N
4123		WG	55		W371	HIP	03-Jun-2010	N		N	N	2	N
4124		WG	76		W371	HIP	03-Jun-2010	N		N	N	10	N
4125		WG	66		W401	KNEE	03-Jun-2010	N		N	N	4	N

[illegible]

	AF	AG	AH	AI	AI	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
4038	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4039	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4040	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4041	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4042	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4043	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4044	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4045	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4046	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4047	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4048	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	E669
4049	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4050	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4051	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4052	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4053	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4054	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4055	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4058	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4059	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4060	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4061	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4062	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4063	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	Y	
4064	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4065	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E668
4066	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4067	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4068	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4069	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4070	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4071	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4073	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4074	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4075	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4076	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4077	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	1	0	N	E669
4078	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4079	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4080	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4081	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4082	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4083	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	4	0	N	E669
4084	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4085	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4086	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4087	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4088	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4089	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4090	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4091	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4092	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4093	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4094	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4095	Y	N	N	N	N	N	N	N	Y	N	N	N	Y	N	#NULL!	0	N	
4096	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4099	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4100	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4101	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4102	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4103	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4104	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4105	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4106	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4107	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4108	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4109	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4110	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4111	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4112	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4113	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4114	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4115	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4116	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4117	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4118	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4119	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4120	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4121	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4122	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4123	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4124	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4125	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

	AX	AY	AZ	BA	BB	BC	BD	BE
4038	0							
4039	0							
4040	0							
4041	0							
4042	0							
4043	0							
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4118	0							
4119	0							
4120	0							
4121	0							
4122	0							
4123	0							
4124	0							
4125	0							

	BF	BG	BH
4038	YES 30/05/10	Enterobacter Cloacae	
4039	N		
4040	N		
4041	N		
4042	N		
4043	N		
4044	N		
4045	N		
4046	N		
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4069	N		
4070	N		
4071	N		
4072	N		
4073	N		
4074	N		
4075	N		
4076	N		
4077	YES 12/06/10	Staph. Epidermidis & Faecalis	
4078	N		
4079	N		
4080	N		
4081	N		
4082	N		
4083	YES 15/06/10	E. Coli	
4084	N		
4085	N		
4086	N		
4087	N		
4088	N		
4089	N		
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4104	N		
4105	N		
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4108	N		
4109	N		
4110	N		
4111	N		
4112	N		
4113	N		
4114	N		
4115	N		
4116	N		
4117	N		
4118	N		
4119	N		
4120	N		
4121	N		
4122	N		
4123	N		
4124	N		
4125	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4126	NT	88			W371	HIP	04-Jun-2010	N		N		15 N	
4127	NT	72			W381	HIP	04-Jun-2010	N		N		4 N	
4128	NT	68			W381	HIP	04-Jun-2010	N		N		5 N	
4129	WG	79			W371	HIP	04-Jun-2010	N		N		2 N	
4130	NT	57			W381	HIP	04-Jun-2010	N		N		4 N	
4131	WG	64			W371	HIP	07-Jun-2010	N		N		3 N	
4132	WG	77			W401	KNEE	07-Jun-2010	N		N		6 N	
4133	NT	55			W371	HIP	07-Jun-2010	N		N		7 N	
4134	NT	64			W371	HIP	07-Jun-2010	N		N		2 N	
4135	WG	59			W401	KNEE	07-Jun-2010	N		N		2 N	
4136	NT	63			W401	KNEE	07-Jun-2010	N		N		14 N	
4137	WG	73			W401	KNEE	07-Jun-2010	N		N		5 N	
4138	WG	87			W371	HIP	08-Jun-2010	N		N		9 N	
4139	WG	63			W371	HIP	08-Jun-2010	N		N		2 N	
4140	NT	58			W381	HIP	08-Jun-2010	N		N		7 N	
4141	NT	70			W401	KNEE	08-Jun-2010	N		N		6 N	
4142	WG	72			W401	KNEE	08-Jun-2010	N		N		2 N	
4143	WG	55			W401	KNEE	08-Jun-2010	N		N		8 N	
4144	WG	80			W401	KNEE	08-Jun-2010	N		N		6 N	
4145	WG	68			W401	KNEE	09-Jun-2010	N		N		4 N	
4146	NT	69			W381	HIP	09-Jun-2010	N		N		3 N	
4147	WG	64			W371	HIP	09-Jun-2010	N		N		2 N	
4148	WG	73			W401	KNEE	09-Jun-2010	N		N		2 N	
4149	WG	73			W401	KNEE	10-Jun-2010	N		N		3 N	
4150	NT	77			W401	KNEE	10-Jun-2010	N		N		5 N	
4151	WG	61			W401	KNEE	10-Jun-2010	N		N		3 N	
4152	WG	68			W401	KNEE	10-Jun-2010	N		N		3 N	
4153	NT	83			W371	HIP	11-Jun-2010	N		N		25 N	
4154	WG	66			W401	KNEE	11-Jun-2010	N		N		2 N	
4155	WG	66			W401	KNEE	11-Jun-2010	N		N		3 N	
4156	NT	78			W381	HIP	11-Jun-2010	N		N		13 N	
4157	NT	82			W401	KNEE	11-Jun-2010	N		N		18 N	
4158	WG	82			W401	KNEE	11-Jun-2010	N		N		5 N	
4159	WG	58			W401	KNEE	11-Jun-2010	N		N		3 N	
4160	WG	69			W401	KNEE	14-Jun-2010	N		N		5 N	
4161	WG	72			W401	KNEE	14-Jun-2010	N		N		7 N	
4162	NT	61			W401	KNEE	14-Jun-2010	N		N		15 N	
4163	NT	65			W401	KNEE	14-Jun-2010	N		N		3 N	
4164	HX	62			W401	KNEE	14-Jun-2010	N		N		3 N	
4165	HX	79			W401	KNEE	14-Jun-2010	N		N		6 N	
4166	HX	79			W371	HIP	14-Jun-2010	N		N		4 N	
4167	HX	78			W401	KNEE	14-Jun-2010	N		N		3 N	
4168	HX	72			W371	HIP	14-Jun-2010	N		N		2 N	
4169	HX	66			W371	HIP	14-Jun-2010	N		N		4 N	
4170	HX	73			W401	KNEE	14-Jun-2010	N		N		2 N	
4171	NT	59			W381	HIP	15-Jun-2010	N		N		6 N	
4172	NT	87			W371	HIP	15-Jun-2010	N		N		7 N	
4173	NT	61			W381	HIP	15-Jun-2010	N		N		6 N	
4174	WG	85			W401	KNEE	15-Jun-2010	N		N		6 N	
4175	NT	58			W401	KNEE	15-Jun-2010	N		N		6 N	
4176	WG	66			W371	HIP	15-Jun-2010	N		N		4 N	
4177	WG	79			W371	HIP	15-Jun-2010	N		N		2 N	
4178	WG	72			W371	HIP	15-Jun-2010	N		N		2 N	
4179	WG	65			W371	HIP	15-Jun-2010	N		N		2 N	
4180	NT	54			W401	KNEE	15-Jun-2010	N		N		6 N	
4181	HX	67			W371	HIP	15-Jun-2010	N		N		4 N	
4182	HX	65			W371	HIP	16-Jun-2010	N		N		2 N	
4183	WG	87			W371	HIP	16-Jun-2010	N		N		13 N	
4184	NT	68			W401	KNEE	16-Jun-2010	N		N		8 N	
4185	NT	79			W381	HIP	16-Jun-2010	N		N		3 N	
4186	NT	64			W381	HIP	16-Jun-2010	N		N		2 N	
4187	NT	61			W401	KNEE	16-Jun-2010	N		N		2 N	
4188	NT	52			W401	KNEE	16-Jun-2010	N		N		9 N	
4189	HX	62			W401	KNEE	16-Jun-2010	N		N		2 N	
4190	NT	72			W371	HIP	16-Jun-2010	N		N		8 N	
4191	WG	75			W401	KNEE	17-Jun-2010	N		N		3 N	
4192	WG	66			W371	HIP	17-Jun-2010	N		N		5 N	
4193	WG	81			W401	KNEE	17-Jun-2010	N		N		3 N	
4194	NT	91			W401	KNEE	17-Jun-2010 Y	N	N	N		8 N	
4195	HX	77			W401	KNEE	17-Jun-2010	N		N		2 N	
4196	HX	79			W401	KNEE	17-Jun-2010	N		N		3 N	
4197	WG	69			W371	HIP	18-Jun-2010	N		N		12 N	
4198	WG	81			W401	KNEE	18-Jun-2010	N		N		2 N	
4199	NT	72			W371	HIP	18-Jun-2010	N		N		4 N	
4200	NT	73			W401	KNEE	18-Jun-2010	N		N		6 N	
4201	HX	83			W401	KNEE	18-Jun-2010	N		N		4 N	
4202	HX	74			W401	KNEE	18-Jun-2010	N		N		5 N	
4203	HX	58			W401	KNEE	18-Jun-2010	N		N		2 N	
4204	HX	54			W381	HIP	18-Jun-2010	N		N		2 N	
4205	HX	63			W401	KNEE	18-Jun-2010	N		N		4 N	
4206	WG	53			W371	HIP	21-Jun-2010	N		N		3 N	
4207	HX	58			W401	KNEE	21-Jun-2010	N		N		2 N	
4208	HX	62			W401	KNEE	21-Jun-2010	N		N		2 N	
4209	HX	81			W401	KNEE	21-Jun-2010	N		N		3 N	
4210	HX	70			W371	HIP	21-Jun-2010	N		N		14 Y	
4211	HX	53			W401	KNEE	21-Jun-2010	N		N		3 N	
4212	WG	53			W401	KNEE	22-Jun-2010	N		N		3 N	
4213	WG	60			W401	KNEE	22-Jun-2010	N		N		4 N	

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
4126	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4127	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4128	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4129	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4130	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4131	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4132	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4133	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4134	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4135	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4136	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4137	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4138	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4139	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4140	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4141	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4142	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4143	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
4144	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4145	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4146	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4147	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4148	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4149	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4150	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4151	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4152	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4153	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
4154	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4155	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4156	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
4157	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4158	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4159	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4160	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4161	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4162	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4163	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4164	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4165	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4166	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4167	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4168	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4169	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4170	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4171	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4172	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4173	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4174	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4175	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4176	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4177	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4178	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4179	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4180	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4181	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4182	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4183	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N
4184	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4185	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4186	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4187	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4188	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4189	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4190	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4191	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4192	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4193	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4194	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4195	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4196	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4197	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4198	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4199	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4200	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4201	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4202	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4203	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
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4206	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4207	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4208	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4212	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4213	N		

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4214		WG	52		W371	HIP	22-Jun-2010	N			N		4 N
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4216		NT	80		W401	KNEE	22-Jun-2010	N			N		16 N
4217		NT	85		W401	KNEE	22-Jun-2010	N			N		7 N
4218		WG	84		W371	HIP	22-Jun-2010	N			N		6 N
4219		WG	78		W371	HIP	22-Jun-2010	N			N		14 N
4220		HX	78		W401	KNEE	22-Jun-2010	N			N		6 N
4221		WG	64		W371	HIP	23-Jun-2010	N			N		2 N
4222		NT	80		W401	KNEE	23-Jun-2010	N			N		9 N
4223		NT	71		W401	KNEE	23-Jun-2010	N			N		7 N
4224		WG	80		W401	KNEE	23-Jun-2010	N			N		3 N
4225		WG	52		W401	KNEE	23-Jun-2010	N			N		2 N
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4227		NT	60		W401	KNEE	23-Jun-2010	N			N		15 N
4228		NT	87		W381	HIP	23-Jun-2010	N			N		6 N
4229		HX	70		W371	HIP	23-Jun-2010	N			N		3 N
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4231		HX	65		W401	KNEE	23-Jun-2010	N			N		3 N
4232		HX	56		W401	KNEE	23-Jun-2010	N			N		3 N
4233		NT	78		W371	HIP	24-Jun-2010	N			N		4 N
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4235		WG	75		W401	KNEE	24-Jun-2010	N			N		4 N
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4238		NT	76		W401	KNEE	25-Jun-2010	N			N		10 N
4239		NT	63		W401	KNEE	25-Jun-2010	N			N		7 N
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4241		NT	50		W381	HIP	25-Jun-2010	N			N		5 N
4242		NT	75		W401	KNEE	25-Jun-2010	N			N		6 N
4243		HX	70		W401	KNEE	25-Jun-2010	N			N		2 N
4244		HX	55		W401	KNEE	25-Jun-2010	N			N		2 N
4245		NT	78		W401	KNEE	26-Jun-2010	N			N		4 N
4246		NT	58		W401	KNEE	26-Jun-2010	N			N		4 N
4247		NT	50		W401	KNEE	26-Jun-2010	N			N		3 N
4248		NT	62		W401	KNEE	29-Jun-2010	N			N		3 N
4249		NT	71		W381	HIP	29-Jun-2010	N			N		9 N
4250		NT	72		W401	KNEE	29-Jun-2010	N			N		16 N
4251		NT	83		W381	HIP	29-Jun-2010	N			N		7 N
4252		HX	63		W381	HIP	29-Jun-2010	N			N		2 N
4253		HX	74		W371	HIP	29-Jun-2010	N			N		4 N
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4255		WG	74		W391	HIP	30-Jun-2010	N			N		1 N
4256		NT	67		W401	KNEE	30-Jun-2010	N			N		8 N
4257		NT	76		W401	KNEE	30-Jun-2010	N			N		3 N
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4259		WG	78		W401	KNEE	30-Jun-2010	N			N		7 N
4260		WG	62		W401	KNEE	30-Jun-2010	N			N		2 N
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4262		NT	81		W401	KNEE	30-Jun-2010	N			N		8 N
4263		HX	61		W401	KNEE	30-Jun-2010	N			N		2 N
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4266		NT	79		W401	KNEE	01-Jul-2010	N		N	N		4 N
4267		WG	69		W371	HIP	02-Jul-2010	N		N	N		3 N
4268		NT	70		W391	HIP	02-Jul-2010	N		N	N		3 N
4269		NT	56		W371	HIP	02-Jul-2010	N		N	N		3 N
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4273		WG	63		W371	HIP	05-Jul-2010	N		N	N		4 N
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4278		HX	73		W371	HIP	05-Jul-2010	N		N	N		2 N
4279		WG	74		W401	KNEE	05-Jul-2010	N		N	N		8 N
4280		HX	74		W401	KNEE	05-Jul-2010	N		N	N		2 N
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4282		NT	60		W401	KNEE	05-Jul-2010	N		N	N		5 N
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4284		NT	77		W371	HIP	06-Jul-2010	N		N	N		3 N
4285		NT	80		W401	KNEE	06-Jul-2010	N		N	N		15 N
4286		WG	58		W401	KNEE	06-Jul-2010	N		N	N		3 N
4287		NT	78		W401	KNEE	06-Jul-2010	N		N	N		6 N
4288		WG	70		W401	KNEE	06-Jul-2010	N		N	N		4 N
4289		WG	60		W401	KNEE	06-Jul-2010	N		N	N		2 N
4290		NT	77		W401	KNEE	06-Jul-2010	N		N	N		5 N
4291		NT	73		W401	KNEE	06-Jul-2010	N		N	N		4 N
4292		HX	62		W401	KNEE	06-Jul-2010	N		N	N		2 N
4293		HX	68		W401	KNEE	06-Jul-2010	N		N	N		1 N
4294		NT	72		W401	KNEE	06-Jul-2010	N		N	N		4 N
4295		WG	55		W401	KNEE	06-Jul-2010	N		N	N		3 N
4296		NT	73		W371	HIP	07-Jul-2010	N		N	N		15 N
4297		WG	76		W371	HIP	07-Jul-2010	N		N	N		3 N
4298		NT	62		W381	HIP	07-Jul-2010	N		N	N		4 N
4299		HX	63		W371	HIP	07-Jul-2010	N		N	N		1 N
4300		HX	58		W371	HIP	07-Jul-2010	N		N	N		1 N
4301		NT	73		W401	KNEE	07-Jul-2010	N		N	N		3 N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
4214	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4215	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4216	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4217	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4218	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4219	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4220	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4221	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4222	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4223	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4224	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4225	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4226	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4227	N	N	N	Y	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4228	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
4229	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4230	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4231	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4232	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4233	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4234	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4235	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4236	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4237	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4238	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4239	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4240	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4241	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4242	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4243	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4244	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4245	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4246	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4247	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4248	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4249	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4250	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4251	Y	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
4252	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4253	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4254	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4255	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4256	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4257	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4258	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4259	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	
4260	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4261	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4262	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4263	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4264	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4265	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4266	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4267	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4268	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4269	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4270	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4271	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4272	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4273	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4274	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4275	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4276	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4277	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	3	0	N	E669
4278	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4279	N	N	N	Y	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4280	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4281	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4282	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4283	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4284	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4285	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	0	0	N	E669
4286	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4287	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4288	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4289	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4290	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4291	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4292	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4293	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4294	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4295	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4296	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4297	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4298	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4299	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4300	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4301	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

	AX	AY	AZ	BA	BB	BC	BD	BE
4214	0							
4215	0							
4216	1							
4217	1							
4218	0							
4219	0							
4220	0							
4221	0							
4222	0							
4223	0							
4224	0							
4225	0							
4226	0							
4227	1							
4228	0							
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4256	0							
4257	0							
4258	0							
4259	0							
4260	0							
4261	0							
4262	1							
4263	0							
4264	1							
4265	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4266	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4267	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4268	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4269	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4270	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4271	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4272	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4273	0	HB11A	Major Hip Procedures for non Trauma Category 2 with Major CC					
4274	1	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4275	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4276	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4277	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4278	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4279	0	HB21A	Major Knee Procedures for non Trauma Category 2 with Major CC					
4280	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4281	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4282	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4283	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4284	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4285	0	HB21A	Major Knee Procedures for non Trauma Category 2 with Major CC					
4286	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4287	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4288	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4289	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4290	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4291	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4292	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4293	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4294	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4295	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4296	0	HB12A	Major Hip Procedures for non Trauma Category 1 with Major CC					
4297	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4298	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4299	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4300	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4301	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					

	BF	BG	BH
4214	N		
4215	N		
4216	N		
4217	N		
4218	N		
4219	N		
4220	N		
4221	N		
4222	N		
4223	N		
4224	N		
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4297	N		
4298	N		
4299	N		
4300	N		
4301	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4302		WG	81		W401	KNEE	07-Jul-2010	N	N	N	N	5	N
4303		NT	74		W401	KNEE	07-Jul-2010	N	N	N	N	5	N
4304		NT	66		W401	KNEE	07-Jul-2010	N	N	N	N	3	N
4305		WG	66		W371	HIP	08-Jul-2010	N	N	N	N	2	N
4306		NT	82		W401	KNEE	08-Jul-2010	N	N	N	N	6	N
4307		HX	69		W401	KNEE	08-Jul-2010	N	N	N	N	3	N
4308		HX	50		W401	KNEE	08-Jul-2010	N	N	N	N	4	N
4309		HX	63		W401	KNEE	08-Jul-2010	N	N	N	N	3	N
4310		NT	78		W371	HIP	09-Jul-2010	N	N	N	N	7	N
4311		NT	47		W381	HIP	09-Jul-2010	N	N	N	N	3	N
4312		NT	76		W381	HIP	09-Jul-2010	N	N	N	N	3	N
4313		NT	62		W401	KNEE	09-Jul-2010	N	N	N	N	7	N
4314		NT	73		W401	KNEE	09-Jul-2010	N	N	N	N	6	N
4315		WG	83		W401	KNEE	09-Jul-2010	N	N	N	N	3	N
4316		NT	62		W401	KNEE	09-Jul-2010	N	N	N	N	3	N
4317		NT	88		W371	HIP	12-Jul-2010	N	N	N	N	18	N
4318		WG	28		W381	HIP	12-Jul-2010	N	N	N	N	3	N
4319		NT	78		W371	HIP	12-Jul-2010	N	N	N	N	4	N
4320		HX	74		W371	HIP	12-Jul-2010	N	N	N	N	3	N
4321		HX	61		W401	KNEE	12-Jul-2010	N	N	N	N	7	N
4322		WG	83		W401	KNEE	12-Jul-2010	N	N	N	N	7	N
4323		WG	64		W401	KNEE	12-Jul-2010	N	N	N	N	2	N
4324		WG	61		W401	KNEE	12-Jul-2010	N	N	N	N	2	N
4325		HX	71		W401	KNEE	12-Jul-2010	N	N	N	N	3	N
4326		HX	47		W401	KNEE	12-Jul-2010	N	N	N	N	4	N
4327		HX	58		W381	HIP	13-Jul-2010	N	N	N	N	2	N
4328		NT	72		W371	HIP	13-Jul-2010	N	N	N	N	3	N
4329		HX	67		W371	HIP	13-Jul-2010	N	N	N	N	3	N
4330		NT	78		W401	KNEE	13-Jul-2010	N	N	N	N	12	N
4331		WG	73		W401	KNEE	13-Jul-2010	N	N	N	N	2	N
4332		WG	83		W401	KNEE	13-Jul-2010	N	N	N	N	8	N
4333		HX	81		W371	HIP	14-Jul-2010	N	N	N	N	6	N
4334		NT	54		W381	HIP	14-Jul-2010	N	N	N	N	2	N
4335		NT	68		W401	KNEE	14-Jul-2010	N	N	N	N	2	N
4336		NT	80		W401	KNEE	14-Jul-2010	N	N	N	N	9	N
4337		NT	69		W401	KNEE	14-Jul-2010	N	N	N	N	5	N
4338		NT	41		W381	HIP	15-Jul-2010	N	N	N	N	5	N
4339		WG	70		W371	HIP	15-Jul-2010	N	N	N	N	5	N
4340		WG	71		W401	KNEE	15-Jul-2010	N	N	N	N	4	N
4341		WG	74		W371	HIP	16-Jul-2010	N	N	N	N	4	N
4342		WG	81		W371	HIP	16-Jul-2010	N	N	N	N	3	N
4343		HX	51		W381	HIP	16-Jul-2010	N	N	N	N	2	N
4344		HX	68		W401	KNEE	16-Jul-2010	N	N	N	N	3	N
4345		WG	73		W371	HIP	19-Jul-2010	N	N	N	N	2	N
4346		WG	68		W371	HIP	19-Jul-2010	N	N	N	N	3	N
4347		NT	78		W381	HIP	20-Jul-2010	N	N	N	N	4	N
4348		WG	67		W371	HIP	20-Jul-2010	N	N	N	N	2	N
4349		WG	59		W371	HIP	20-Jul-2010	N	N	N	N	2	N
4350		WG	66		W401	KNEE	20-Jul-2010	N	N	N	N	2	N
4351		WG	53		W401	KNEE	20-Jul-2010	N	N	N	N	2	N
4352		NT	72		W401	KNEE	21-Jul-2010	N	N	N	N	7	N
4353		HX	70		W371	HIP	21-Jul-2010	N	N	N	N	10	N
4354		NT	63		W381	HIP	21-Jul-2010	N	N	N	N	4	N
4355		NT	52		W381	HIP	21-Jul-2010	N	N	N	N	5	N
4356		HX	19		W381	HIP	21-Jul-2010	N	N	N	N	2	N
4357		NT	72		W401	KNEE	21-Jul-2010	N	N	N	N	7	N
4358		NT	84		W401	KNEE	21-Jul-2010	N	N	N	N	7	N
4359		WG	82		W401	KNEE	21-Jul-2010	N	N	N	N	4	N
4360		HX	74		W401	KNEE	21-Jul-2010	N	N	N	N	5	N
4361		HX	60		W401	KNEE	21-Jul-2010	N	N	N	N	2	N
4362		WG	80		W401	KNEE	21-Jul-2010	N	N	N	N	7	N
4363		HX	58		W401	KNEE	21-Jul-2010	N	N	N	N	5	N
4364		WG	82		W371	HIP	22-Jul-2010	N	N	N	N	5	N
4365		NT	63		W371	HIP	22-Jul-2010	N	N	N	N	5	N
4366		WG	72		W371	HIP	22-Jul-2010	N	N	N	N	2	N
4367		HX	81		W371	HIP	22-Jul-2010	N	N	N	N	4	N
4368		HX	81		W401	KNEE	22-Jul-2010	N	N	N	N	4	N
4369		WG	59		W401	KNEE	22-Jul-2010	N	N	N	N	2	N
4370		HX	68		W371	HIP	26-Jul-2010	N	N	N	N	4	N
4371		WG	62		W381	HIP	26-Jul-2010	N	N	N	N	2	N
4372		HX	78		W401	KNEE	26-Jul-2010	N	N	N	N	2	N
4373		HX	53		W401	KNEE	26-Jul-2010	N	N	N	N	3	N
4374		WG	82		W371	HIP	27-Jul-2010	N	N	N	N	10	N
4375		WG	70		W401	KNEE	27-Jul-2010	N	N	N	N	6	N
4376		NT	69		W371	HIP	28-Jul-2010	N	N	N	N	15	N
4377		NT	78		W391	HIP	28-Jul-2010	N	N	N	N	9	N
4378		NT	60		W371	HIP	28-Jul-2010	N	N	N	N	2	N
4379		NT	75		W401	KNEE	28-Jul-2010	N	N	N	N	3	N
4380		NT	70		W401	KNEE	28-Jul-2010	N	N	N	N	2	N
4381		HX	51		W401	KNEE	28-Jul-2010	N	N	N	N	2	N
4382		WG	74		W371	HIP	29-Jul-2010	N	N	N	N	6	N
4383		WG	48		W401	KNEE	29-Jul-2010	N	N	N	N	2	N
4384		WG	70		W401	KNEE	29-Jul-2010	N	N	N	N	2	N
4385		NT	64		W401	KNEE	29-Jul-2010	N	N	N	N	7	N
4386		NT	70		W401	KNEE	29-Jul-2010	N	N	N	N	3	N
4387		NT	61		W401	KNEE	29-Jul-2010	N	N	N	N	4	N
4388		HX	66		W401	KNEE	29-Jul-2010	N	N	N	N	2	N
4389		HX	73		W401	KNEE	29-Jul-2010	N	N	N	N	2	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
4302	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4303	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4304	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4305	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4306	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4309	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4311	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4312	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4313	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4314	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
4315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4316	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4317	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N
4318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4319	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4320	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4321	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4322	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	Y
4323	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4324	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4326	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4328	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4331	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4332	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4333	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4334	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4335	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4336	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4337	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4338	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4339	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4340	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4341	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4342	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
4343	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4344	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4345	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4346	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4347	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4348	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4349	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4350	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4351	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4352	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N
4353	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4354	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4355	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4356	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4357	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4358	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4359	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4360	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
4361	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4362	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4363	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4364	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4365	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4366	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4367	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4368	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4369	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4370	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	Y	N	Y
4371	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4374	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4376	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4377	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4378	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4379	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4383	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4384	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4385	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4386	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4387	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4388	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4389	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
4302	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4303	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4304	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4305	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4306	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4307	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4308	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4309	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4310	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4311	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4312	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4313	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4314	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4315	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4316	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4317	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4318	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4319	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	0	0	N	E669
4320	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4321	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	4	N	
4322	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4323	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4324	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4325	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4326	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4327	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4328	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	E669
4329	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4330	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4331	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4332	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4333	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	25	0	N	
4334	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4335	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4336	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4337	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4338	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4339	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	7	1	Y	E669
4340	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4341	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4342	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4343	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4344	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4345	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4346	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4347	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4348	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4349	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4350	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4351	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4352	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4353	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4354	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4355	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4356	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4357	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4358	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4359	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4360	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4361	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4362	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4363	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4364	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4365	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4366	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4367	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4368	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4369	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4370	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4371	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4372	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4373	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4374	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4375	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4376	N	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4377	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4378	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4379	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4380	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4381	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4382	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4383	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4384	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4385	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4386	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4387	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4388	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4389	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

[illegible]

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4381	N		
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4383	N		
4384	N		
4385	N		
4386	N		
4387	N		
4388	N		
4389	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4390		WG	52		W401	KNEE	29-Jul-2010	N	N	N	N	1	N
4391		NT	54		W381	HIP	30-Jul-2010	N	N	N	N	3	N
4392		HX	63		W371	HIP	30-Jul-2010	N	N	N	N	5	N
4393		NT	57		W401	KNEE	30-Jul-2010	N	N	N	N	11	N
4394		NT	86		W401	KNEE	30-Jul-2010	N	N	N	N	11	N
4395		WG	80		W401	KNEE	30-Jul-2010	N	N	N	N	5	N
4396		HX	57		W401	KNEE	30-Jul-2010	N	N	N	N	2	N
4397		HX	56		W401	KNEE	30-Jul-2010	N	N	N	N	3	N
4398		HX	76		W401	KNEE	30-Jul-2010	N	N	N	N	3	N
4399		WG	52		W381	HIP	02-Aug-2010	N	N	N	N	2	N
4400		WG	76		W371	HIP	02-Aug-2010	N	N	N	N	3	N
4401		WG	82		W371	HIP	02-Aug-2010	N	N	N	N	3	N
4402		WG	67		W371	HIP	02-Aug-2010	N	N	N	N	3	N
4403		WG	70		W401	KNEE	02-Aug-2010	N	N	N	N	2	N
4404		WG	74		W401	KNEE	02-Aug-2010	N	N	N	N	2	N
4405		NT	52		W381	HIP	03-Aug-2010	N	N	N	N	4	N
4406		WG	62		W371	HIP	03-Aug-2010	N	N	N	N	3	N
4407		WG	80		W401	KNEE	03-Aug-2010	N	N	N	N	8	N
4408		WG	47		W401	KNEE	03-Aug-2010	N	N	N	N	3	N
4409		NT	58		W401	KNEE	03-Aug-2010	N	N	N	N	4	N
4410		NT	78		W371	HIP	04-Aug-2010	N	N	N	N	6	N
4411		HX	70		W371	HIP	05-Aug-2010	N	N	N	N	2	N
4412		WG	53		W371	HIP	05-Aug-2010	N	N	N	N	4	N
4413		HX	49		W371	HIP	05-Aug-2010	N	N	N	N	4	N
4414		WG	71		W401	KNEE	05-Aug-2010	N	N	N	N	1	N
4415		WG	64		W401	KNEE	05-Aug-2010	N	N	N	N	6	N
4416		WG	74		W401	KNEE	05-Aug-2010	N	N	N	N	4	N
4417		WG	72		W371	HIP	06-Aug-2010	N	N	N	N	5	N
4418		WG	58		W371	HIP	06-Aug-2010	N	N	N	N	2	N
4419		NT	69		W381	HIP	06-Aug-2010	N	N	N	N	6	N
4420		WG	61		W401	KNEE	06-Aug-2010	N	N	N	N	26	N
4421		NT	78		W401	KNEE	06-Aug-2010	N	N	N	N	115	N
4422		NT	61		W401	KNEE	06-Aug-2010	N	N	N	N	5	N
4423		WG	76		W401	KNEE	06-Aug-2010	N	N	N	N	3	N
4424		WG	59		W401	KNEE	06-Aug-2010	N	N	N	N	2	N
4425		NT	77		W401	KNEE	06-Aug-2010	N	N	N	N	3	N
4426		WG	64		W371	HIP	09-Aug-2010	N	N	N	N	16	N
4427		WG	80		W371	HIP	09-Aug-2010	N	N	N	N	3	N
4428		HX	48		W371	HIP	09-Aug-2010	N	N	N	N	9	N
4429		NT	40		W381	HIP	09-Aug-2010	N	N	N	N	3	N
4430		WG	74		W401	KNEE	09-Aug-2010	N	N	N	N	9	N
4431		HX	75		W401	KNEE	09-Aug-2010	N	N	N	N	4	N
4432		HX	53		W401	KNEE	09-Aug-2010	N	N	N	N	6	N
4433		WG	67		W371	HIP	10-Aug-2010	N	N	N	N	2	N
4434		NT	62		W381	HIP	10-Aug-2010	N	N	N	N	8	N
4435		WG	67		W371	HIP	10-Aug-2010	N	N	N	N	5	N
4436		WG	81		W371	HIP	10-Aug-2010	N	N	N	N	6	N
4437		WG	63		W371	HIP	10-Aug-2010	N	N	N	N	1	N
4438		NT	56		W401	KNEE	10-Aug-2010	N	N	N	N	5	N
4439		WG	76		W401	KNEE	10-Aug-2010	N	N	N	N	4	N
4440		HX	77		W401	KNEE	10-Aug-2010	N	N	N	N	3	N
4441		NT	45		W401	KNEE	11-Aug-2010	N	N	N	N	2	N
4442		HX	63		W371	HIP	12-Aug-2010	N	N	N	N	3	N
4443		HX	58		W371	HIP	12-Aug-2010	N	N	N	N	2	N
4444		WG	70		W371	HIP	12-Aug-2010	N	N	N	N	3	N
4445		HX	48		W381	HIP	12-Aug-2010	N	N	N	N	4	N
4446		WG	61		W401	KNEE	12-Aug-2010	N	N	N	N	4	N
4447		WG	76		W401	KNEE	12-Aug-2010	N	N	N	N	2	N
4448		NT	63		W381	HIP	13-Aug-2010	N	N	N	N	12	N
4449		NT	70		W401	KNEE	13-Aug-2010	N	N	N	N	4	N
4450		NT	50		W401	KNEE	13-Aug-2010	N	N	N	N	4	N
4451		NT	67		W401	KNEE	13-Aug-2010	N	N	N	N	3	N
4452		HX	63		W401	KNEE	13-Aug-2010	N	N	N	N	3	N
4453		HX	63		W401	KNEE	13-Aug-2010	N	N	N	N	4	N
4454		NT	82		W371	HIP	16-Aug-2010	N	N	N	N	8	N
4455		NT	76		W381	HIP	16-Aug-2010	N	N	N	N	4	N
4456		HX	64		W371	HIP	16-Aug-2010	N	N	N	N	2	N
4457		HX	72		W371	HIP	16-Aug-2010	N	N	N	N	3	N
4458		HX	78		W371	HIP	16-Aug-2010	N	N	N	N	2	N
4459		HX	67		W371	HIP	16-Aug-2010	N	N	N	N	3	N
4460		WG	50		W401	KNEE	16-Aug-2010	N	N	N	N	1	N
4461		HX	67		W401	KNEE	16-Aug-2010	N	N	N	N	5	N
4462		HX	48		W401	KNEE	16-Aug-2010	N	N	N	N	3	N
4463		HX	74		W401	KNEE	16-Aug-2010	N	N	N	N	5	N
4464		WG	65		W401	KNEE	17-Aug-2010	N	N	N	N	6	N
4465		NT	65		W401	KNEE	17-Aug-2010	N	N	N	N	6	N
4466		NT	62		W381	HIP	17-Aug-2010	N	N	N	N	5	N
4467		HX	72		W371	HIP	17-Aug-2010	N	N	N	N	3	N
4468		WG	57		W371	HIP	17-Aug-2010	N	N	N	N	1	N
4469		WG	64		W401	KNEE	17-Aug-2010	N	N	N	N	2	N
4470		NT	59		W401	KNEE	17-Aug-2010	N	N	N	N	2	N
4471		WG	63		W401	KNEE	17-Aug-2010	N	N	N	N	14	N
4472		NT	70		W401	KNEE	17-Aug-2010	N	N	N	N	4	N
4473		NT	58		W401	KNEE	17-Aug-2010	N	N	N	N	6	N
4474		NT	69		W371	HIP	18-Aug-2010	N	N	N	N	19	N
4475		NT	77		W371	HIP	18-Aug-2010	N	N	N	N	5	N
4476		WG	83		W371	HIP	18-Aug-2010	N	N	N	N	5	N
4477		HX	69		W371	HIP	18-Aug-2010	N	N	N	N	2	N

[illegible]

	AF	AG	AH	AI	AL	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
4390	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4391	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4392	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4393	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	Y	E666
4394	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4395	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4396	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4397	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4398	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4399	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4400	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4401	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4402	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4403	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4404	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4405	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E666
4406	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4407	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4408	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4409	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4410	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4411	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4412	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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4414	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4415	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4416	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4417	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4418	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
4419	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4420	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4421	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4422	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4423	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4424	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4425	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4426	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4427	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4428	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4429	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4430	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4431	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4432	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4433	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4434	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4435	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4436	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	
4437	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4438	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4439	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4440	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4441	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4442	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4443	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4444	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4445	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4446	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4447	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4448	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
4449	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4450	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4451	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4452	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4453	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4454	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4455	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4456	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	
4457	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4458	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4459	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4460	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4461	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4462	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4463	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4464	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4465	Y	N	N	N	N	N	N	N	N	N	Y	Y	N	N	#NULL!	0	N	E668
4466	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4467	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4468	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4469	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4470	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4471	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4472	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4473	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4474	N	N	N	N	N	N	N	N	N	N	Y	N	Y	N	#NULL!	0	N	
4475	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4476	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4477	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

[illegible]

	BF	BG	BH
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4391	N		
4392	N		
4393	N		
4394	N		
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4397	N		
4398	N		
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4401	N		
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4417	N		
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4419	N		
4420	N		
4421	N		
4422	N		
4423	N		
4424	N		
4425	N		
4426	N		
4427	N		
4428	N		
4429	N		
4430	N		
4431	N		
4432	N		
4433	N		
4434	N		
4435	N		
4436	N		
4437	N		
4438	N		
4439	N		
4440	N		
4441	N		
4442	N		
4443	N		
4444	N		
4445	N		
4446	N		
4447	N		
4448	N		
4449	N		
4450	N		
4451	N		
4452	N		
4453	N		
4454	N		
4455	N		
4456	N		
4457	N		
4458	N		
4459	N		
4460	N		
4461	N		
4462	N		
4463	N		
4464	N		
4465	N		
4466	N		
4467	N		
4468	N		
4469	N		
4470	N		
4471	N		
4472	N		
4473	N		
4474	N		
4475	N		
4476	N		
4477	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4478		HX	65		W371	HIP	18-Aug-2010	N	N	N	N	2	N
4479		NT	66		W401	KNEE	18-Aug-2010	N	N	N	N	9	N
4480		WG	70		W401	KNEE	18-Aug-2010	N	N	N	N	3	N
4481		WG	58		W401	KNEE	18-Aug-2010	N	N	N	N	5	N
4482		WG	63		W401	KNEE	19-Aug-2010	N	N	N	N	2	N
4483		HX	58		W381	HIP	19-Aug-2010	N	N	N	N	7	N
4484		WG	72		W371	HIP	19-Aug-2010	N	N	N	N	2	N
4485		HX	71		W371	HIP	19-Aug-2010	N	N	N	N	2	N
4486		NT	78		W371	HIP	19-Aug-2010	N	N	N	N	6	N
4487		HX	72		W371	HIP	19-Aug-2010	N	N	N	N	3	N
4488		WG	66		W401	KNEE	19-Aug-2010	N	N	N	N	4	N
4489		WG	70		W401	KNEE	19-Aug-2010	N	N	N	N	3	N
4490		NT	59		W401	KNEE	19-Aug-2010	N	N	N	N	6	N
4491		WG	56		W371	HIP	20-Aug-2010	N	N	N	N	1	N
4492		WG	72		W371	HIP	20-Aug-2010	N	N	N	N	3	N
4493		WG	76		W401	KNEE	20-Aug-2010	N	N	N	N	3	N
4494		HX	69		W401	KNEE	20-Aug-2010	N	N	N	N	3	N
4495		HX	72		W371	HIP	23-Aug-2010	N	N	N	N	10	N
4496		HX	66		W371	HIP	23-Aug-2010	N	N	N	N	3	N
4497		HX	55		W381	HIP	23-Aug-2010	N	N	N	N	2	N
4498		HX	71		W371	HIP	23-Aug-2010	N	N	N	N	3	N
4499		HX	59		W391	HIP	23-Aug-2010	N	N	N	N	2	N
4500		WG	80		W401	KNEE	23-Aug-2010	N	N	N	N	5	N
4501		NT	69		W401	KNEE	23-Aug-2010	N	N	N	N	3	N
4502		WG	78		W401	KNEE	23-Aug-2010	N	N	N	N	4	N
4503		NT	73		W401	KNEE	24-Aug-2010	N	N	N	N	3	N
4504		WG	69		W371	HIP	24-Aug-2010	N	N	N	N	4	N
4505		WG	78		W371	HIP	24-Aug-2010	N	N	N	N	9	N
4506		HX	73		W371	HIP	24-Aug-2010	N	N	N	N	4	N
4507		WG	71		W401	KNEE	24-Aug-2010	N	N	N	N	3	N
4508		WG	63		W411	KNEE	24-Aug-2010	N	N	N	N	2	N
4509		WG	61		W401	KNEE	24-Aug-2010	N	N	N	N	5	N
4510		NT	67		W381	HIP	25-Aug-2010	N	N	N	N	3	N
4511		NT	66		W381	HIP	25-Aug-2010	N	N	N	N	2	N
4512		WG	70		W401	KNEE	25-Aug-2010	N	N	N	N	2	N
4513		WG	78		W401	KNEE	25-Aug-2010	N	N	N	N	4	N
4514		WG	69		W401	KNEE	25-Aug-2010	N	N	N	N	3	N
4515		NT	66		W401	KNEE	25-Aug-2010	N	N	N	N	5	N
4516		WG	68		W371	HIP	26-Aug-2010	N	N	N	N	6	N
4517		HX	66		W371	HIP	26-Aug-2010	N	N	N	N	2	N
4518		WG	52		W401	KNEE	26-Aug-2010	N	N	N	N	5	N
4519		WG	61		W401	KNEE	27-Aug-2010	N	N	N	N	4	N
4520		NT	56		W381	HIP	27-Aug-2010	N	N	N	N	6	N
4521		WG	65		W371	HIP	27-Aug-2010	N	N	N	N	6	N
4522		HX	56		W381	HIP	27-Aug-2010	N	N	N	N	3	N
4523		HX	69		W381	HIP	27-Aug-2010	N	N	N	N	6	N
4524		WG	75		W401	KNEE	27-Aug-2010	N	N	N	N	8	N
4525		WG	61		W401	KNEE	27-Aug-2010	N	N	N	N	4	N
4526		NT	58		W401	KNEE	27-Aug-2010	N	N	N	N	5	N
4527		WG	85		W401	KNEE	31-Aug-2010	N	N	N	N	8	N
4528		WG	69		W401	KNEE	31-Aug-2010	N	N	N	N	5	N
4529		WG	82		W371	HIP	31-Aug-2010	N	N	N	N	5	N
4530		NT	79		W401	KNEE	31-Aug-2010	N	N	N	N	7	N
4531		NT	72		W401	KNEE	31-Aug-2010	N	N	N	N	3	N
4532		WG	71		W401	KNEE	31-Aug-2010	N	N	N	N	3	N
4533		WG	63		W401	KNEE	01-Sep-2010	N	N	N	N	4	N
4534		NT	73		W371	HIP	01-Sep-2010	N	N	N	N	4	N
4535		NT	64		W401	KNEE	01-Sep-2010	N	N	N	N	4	N
4536		NT	71		W401	KNEE	01-Sep-2010	N	N	N	N	3	N
4537		WG	72		W401	KNEE	02-Sep-2010	N	N	N	N	4	N
4538		WG	57		W401	KNEE	02-Sep-2010	N	N	N	N	5	N
4539		HX	57		W401	KNEE	02-Sep-2010	N	N	N	N	3	N
4540		NT	76		W401	KNEE	03-Sep-2010	N	N	N	N	3	N
4541		HX	79		W401	KNEE	03-Sep-2010	N	N	N	N	5	N
4542		HX	81		W401	KNEE	03-Sep-2010	N	N	N	N	3	N
4543		WG	75		W371	HIP	06-Sep-2010	N	N	N	N	2	N
4544		NT	81		W371	HIP	06-Sep-2010	N	N	N	N	7	N
4545		WG	70		W371	HIP	06-Sep-2010	N	N	N	N	2	N
4546		HX	62		W381	HIP	06-Sep-2010	N	N	N	N	3	N
4547		HX	70		W371	HIP	06-Sep-2010	N	N	N	N	3	N
4548		HX	72		W371	HIP	06-Sep-2010	N	N	N	N	3	N
4549		WG	53		W401	KNEE	06-Sep-2010	N	N	N	N	2	N
4550		WG	67		W401	KNEE	06-Sep-2010	N	N	N	N	2	N
4551		HX	72		W401	KNEE	06-Sep-2010	N	N	N	N	2	N
4552		HX	62		W401	KNEE	06-Sep-2010	N	N	N	N	4	N
4553		WG	76		W401	KNEE	06-Sep-2010	N	N	N	N	3	N
4554		WG	60		W371	HIP	07-Sep-2010	N	N	N	N	3	N
4555		HX	52		W381	HIP	07-Sep-2010	N	N	N	N	3	N
4556		WG	84		W401	KNEE	07-Sep-2010	N	N	N	N	13	N
4557		HX	59		W401	KNEE	07-Sep-2010	N	N	N	N	3	N
4558		NT	81		W401	KNEE	07-Sep-2010	N	N	N	N	3	N
4559		HX	81		W371	HIP	08-Sep-2010	N	N	N	N	4	N
4560		HX	77		W371	HIP	08-Sep-2010	N	N	N	N	6	N
4561		NT	68		W371	HIP	08-Sep-2010	N	N	N	N	2	N
4562		WG	60		W401	KNEE	08-Sep-2010	N	N	N	N	2	N
4563		WG	67		W401	KNEE	08-Sep-2010	N	N	N	N	2	N
4564		WG	49		W401	KNEE	08-Sep-2010	N	N	N	N	5	N
4565		NT	71		W401	KNEE	08-Sep-2010	N	N	N	N	4	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
4478	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4479	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4480	N	N	N	N	N	N	N	N	N	N	N	N	N	N	6	0	N	
4481	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4482	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4483	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4484	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4485	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4486	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4487	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4488	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4489	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4490	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4491	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4492	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4493	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4494	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4495	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4496	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4497	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4498	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4499	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4500	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4501	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4502	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4503	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4504	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	E669
4505	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4506	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4507	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4508	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4509	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4510	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4511	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4512	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4513	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4514	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4515	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4516	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4517	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4518	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	5	0	N	
4519	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4520	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4521	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4522	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4523	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4524	N	N	Y	Y	N	N	N	N	N	N	N	N	N	Y	5	0	N	E669
4525	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4526	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4527	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4528	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4529	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	8	0	N	
4530	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4531	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4532	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4533	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4534	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4535	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4536	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	E669
4537	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4538	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4539	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4540	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4541	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4542	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4543	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	2	0	N	E669
4544	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	#NULL!	0	N	
4545	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4546	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4547	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4548	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4549	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4550	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4551	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4552	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4553	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4554	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4555	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4556	Y	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4557	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4558	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4559	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4560	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4561	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4562	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4563	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4564	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4565	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
4478	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4479	0	HB21A	Major Knee Procedures for non Trauma Category 2 with Major CC					
4480	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4481	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4482	0	HA06Z	Reconstruction Procedures Category 1					
4483	0	HB12A	Major Hip Procedures for non Trauma Category 1 with Major CC					
4484	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4485	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4486	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4487	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4488	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4489	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4490	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4491	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4492	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4493	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4494	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4495	0	HB12A	Major Hip Procedures for non Trauma Category 1 with Major CC					
4496	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4497	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4498	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4499	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4500	0	HB21A	Major Knee Procedures for non Trauma Category 2 with Major CC					
4501	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4502	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4503	0	HA06Z	Reconstruction Procedures Category 1					
4504	0	HB12A	Major Hip Procedures for non Trauma Category 1 with Major CC					
4505	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4506	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4507	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4508	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4509	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4510	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4511	0	HB12D	Major Hip Procedures for non Trauma Category 1 with CC					
4512	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4513	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4514	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4515	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4516	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4517	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4518	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4519	0	HA06Z	Reconstruction Procedures Category 1					
4520	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4521	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4522	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4523	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4524	0	HB21A	Major Knee Procedures for non Trauma Category 2 with Major CC					
4525	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4526	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4527	0	HA06Z	Reconstruction Procedures Category 1					
4528	0	HA06Z	Reconstruction Procedures Category 1					
4529	0	HB11B	Major Hip Procedures for non Trauma Category 2 with CC					
4530	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4531	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4532	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4533	0	HA06Z	Reconstruction Procedures Category 1					
4534	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4535	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4536	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4537	0	HA06Z	Reconstruction Procedures Category 1					
4538	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4539	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4540	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4541	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4542	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4543	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4544	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4545	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4546	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4547	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4548	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4549	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4550	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4551	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4552	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4553	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4554	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4555	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4556	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4557	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4558	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
4559	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
4560	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4561	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
4562	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4563	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4564	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
4565	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					

	BF	BG	BH
4478	N		
4479	N		
4480	N		
4481	N		
4482	N		
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4522	N		
4523	N		
4524	N		
4525	N		
4526	N		
4527	N		
4528	N		
4529	N		
4530	N		
4531	N		
4532	N		
4533	YES 15/10/10	Comeybacterium Stratum	
4534	N		
4535	N		
4536	N		
4537	N		
4538	N		
4539	N		
4540	N		
4541	N		
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4555	N		
4556	N		
4557	N		
4558	N		
4559	N		
4560	N		
4561	N		
4562	N		
4563	N		
4564	N		
4565	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4566		HX	69		W391	HIP	09-Sep-2010 N	N	N	N	N	4 N	
4567		HX	81		W371	HIP	09-Sep-2010 N	N	N	N	N	3 N	
4568		HX	61		W391	HIP	09-Sep-2010 N	N	N	N	N	2 N	
4569		WG	84		W401	KNEE	09-Sep-2010 N	N	N	N	N	19 N	
4570		WG	67		W401	KNEE	09-Sep-2010 N	N	N	N	N	7 N	
4571		WG	71		W371	HIP	10-Sep-2010 N	N	N	N	N	3 N	
4572		HX	54		W391	HIP	10-Sep-2010 N	N	N	N	N	2 N	
4573		NT	56		W391	HIP	10-Sep-2010 N	N	N	N	N	3 N	
4574		HX	69		W391	HIP	10-Sep-2010 N	N	N	N	N	3 N	
4575		NT	63		W401	KNEE	10-Sep-2010 N	N	N	N	N	3 N	
4576		WG	70		W401	KNEE	10-Sep-2010 N	N	N	N	N	3 N	
4577		HX	65		W401	KNEE	10-Sep-2010 N	N	N	N	N	3 N	
4578		WG	65		W401	KNEE	10-Sep-2010 N	N	N	N	N	3 N	
4579		WG	75		W401	KNEE	10-Sep-2010 N	N	N	N	N	4 N	
4580		WG	72		W371	HIP	13-Sep-2010 N	N	N	N	N	5 N	
4581		NT	74		W371	HIP	13-Sep-2010 N	N	N	N	N	3 N	
4582		HX	74		W371	HIP	13-Sep-2010 N	N	N	N	N	3 N	
4583		WG	58		W371	HIP	13-Sep-2010 N	N	N	N	N	2 N	
4584		WG	75		W371	HIP	13-Sep-2010 N	N	N	N	N	4 N	
4585		WG	70		W401	KNEE	13-Sep-2010 N	N	N	N	N	7 N	
4586		NT	81		W401	KNEE	13-Sep-2010 N	N	N	N	N	4 N	
4587		HX	82		W401	KNEE	13-Sep-2010 N	N	N	N	N	2 N	
4588		HX	60		W401	KNEE	13-Sep-2010 N	N	N	N	N	3 N	
4589		WG	83		W401	KNEE	14-Sep-2010 N	N	N	N	N	7 N	
4590		WG	84		W371	HIP	14-Sep-2010 N	N	N	N	N	2 N	
4591		WG	58		W391	HIP	14-Sep-2010 N	N	N	N	N	2 N	
4592		HX	70		W371	HIP	14-Sep-2010 N	N	N	N	N	2 N	
4593		HX	61		W371	HIP	14-Sep-2010 N	N	N	N	N	3 N	
4594		WG	75		W401	KNEE	14-Sep-2010 N	N	N	N	N	10 N	
4595		NT	69		W401	KNEE	14-Sep-2010 N	N	N	N	N	6 N	
4596		WG	63		W401	KNEE	14-Sep-2010 N	N	N	N	N	2 N	
4597		WG	79		W401	KNEE	14-Sep-2010 N	N	N	N	N	6 N	
4598		NT	66		W401	KNEE	14-Sep-2010 N	N	N	N	N	3 N	
4599		NT	51		W401	KNEE	14-Sep-2010 N	N	N	N	N	2 N	
4600		NT	60		W401	KNEE	14-Sep-2010 N	N	N	N	N	3 N	
4601		WG	63		W401	KNEE	14-Sep-2010 N	N	N	N	N	3 N	
4602		WG	76		W371	HIP	15-Sep-2010 N	N	N	N	N	5 N	
4603		HX	82		W371	HIP	15-Sep-2010 N	N	N	N	N	5 N	
4604		HX	75		W371	HIP	15-Sep-2010 N	N	N	N	N	5 N	
4605		HX	63		W391	HIP	15-Sep-2010 N	N	N	N	N	4 N	
4606		NT	87		W401	KNEE	15-Sep-2010 N	N	N	N	N	14 N	
4607		WG	62		W401	KNEE	15-Sep-2010 N	N	N	N	N	3 N	
4608		NT	73		W401	KNEE	15-Sep-2010 N	N	N	N	N	4 N	
4609		NT	75		W401	KNEE	15-Sep-2010 N	N	N	N	N	5 N	
4610		WG	75		W371	HIP	16-Sep-2010 N	N	N	N	N	20 N	
4611		WG	57		W401	KNEE	16-Sep-2010 N	N	N	N	N	2 N	
4612		HX	78		W401	KNEE	16-Sep-2010 N	N	N	N	N	5 N	
4613		WG	82		W371	HIP	17-Sep-2010 N	N	N	N	N	3 N	
4614		NT	76		W371	HIP	17-Sep-2010 N	N	N	N	N	6 N	
4615		WG	62		W371	HIP	17-Sep-2010 N	N	N	N	N	5 N	
4616		HX	63		W391	HIP	17-Sep-2010 N	N	N	N	N	3 N	
4617		WG	58		W401	KNEE	17-Sep-2010 N	N	N	N	N	8 N	
4618		WG	67		W401	KNEE	17-Sep-2010 N	N	N	N	N	3 N	
4619		NT	69		W401	KNEE	17-Sep-2010 N	N	N	N	N	0 N	
4620		WG	62		W401	KNEE	17-Sep-2010 N	N	N	N	N	3 N	
4621		WG	69		W401	KNEE	17-Sep-2010 N	N	N	N	N	4 N	
4622		WG	76		W401	KNEE	17-Sep-2010 N	N	N	N	N	7 N	
4623		HX	72		W401	KNEE	17-Sep-2010 N	N	N	N	N	4 N	
4624		HX	59		W401	KNEE	17-Sep-2010 N	N	N	N	N	3 N	
4625		HX	81		W401	KNEE	17-Sep-2010 N	N	N	N	N	4 N	
4626		HX	74		W401	KNEE	17-Sep-2010 N	N	N	N	N	3 N	
4627		NT	76		W371	HIP	20-Sep-2010 N	N	N	N	N	3 N	
4628		WG	67		W371	HIP	20-Sep-2010 N	N	N	N	N	4 N	
4629		NT	60		W401	KNEE	20-Sep-2010 N	N	N	N	N	11 N	
4630		WG	70		W401	KNEE	20-Sep-2010 N	N	N	N	N	2 N	
4631		HX	74		W401	KNEE	20-Sep-2010 N	N	N	N	N	6 N	
4632		NT	89		W401	KNEE	20-Sep-2010 N	N	N	N	N	4 N	
4633		HX	67		W371	HIP	21-Sep-2010 N	N	N	N	N	2 N	
4634		HX	48		W391	HIP	21-Sep-2010 N	N	N	N	N	1 N	
4635		NT	59		W391	HIP	21-Sep-2010 N	N	N	N	N	4 N	
4636		NT	77		W401	KNEE	21-Sep-2010 N	N	N	N	N	3 N	
4637		WG	76		W401	KNEE	21-Sep-2010 N	N	N	N	N	3 N	
4638		HX	58		W401	KNEE	21-Sep-2010 N	N	N	N	N	2 N	
4639		HX	66		W401	KNEE	21-Sep-2010 N	N	N	N	N	2 N	
4640		NT	64		W401	KNEE	21-Sep-2010 N	N	N	N	N	5 N	
4641		WG	66		W401	KNEE	21-Sep-2010 N	N	N	N	N	3 N	
4642		NT	69		W391	HIP	22-Sep-2010 N	N	N	N	N	5 N	
4643		NT	86		W391	HIP	22-Sep-2010 N	N	N	N	N	10 N	
4644		HX	72		W371	HIP	22-Sep-2010 N	N	N	N	N	2 N	
4645		HX	64		W371	HIP	22-Sep-2010 N	N	N	N	N	5 N	
4646		WG	74		W371	HIP	22-Sep-2010 N	N	N	N	N	12 N	
4647		HX	66		W371	HIP	22-Sep-2010 N	N	N	N	N	2 N	
4648		WG	76		W401	KNEE	22-Sep-2010 N	N	N	N	N	3 N	
4649		NT	65		W401	KNEE	22-Sep-2010 N	N	N	N	N	4 N	
4650		NT	80		W401	KNEE	22-Sep-2010 N	N	N	N	N	6 N	
4651		HX	59		W401	KNCC	22-Sep-2010 N	N	N	N	N	2 N	
4652		HX	77		W401	KNEE	22-Sep-2010 N	N	N	N	N	5 N	
4653		WG	84		W401	KNEE	22-Sep-2010 N	N	N	N	N	4 N	

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
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4567	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4568	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4569	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4570	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
4571	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4572	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4573	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4574	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4575	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4576	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4577	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4578	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4579	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4580	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4581	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4582	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4583	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4584	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4585	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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4587	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4588	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4589	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4590	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4591	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4592	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4593	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4594	N	N	N	Y	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4595	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4596	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4597	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	12	0	N	
4598	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4599	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4600	N	N	Y	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4601	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4602	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	1	0	N	E669
4603	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4604	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4605	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4606	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4607	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4608	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4609	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4610	N	N	Y	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	E669
4611	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4612	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4613	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4614	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4615	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	7	0	N	E669
4616	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4617	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4618	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4619	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4620	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4621	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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4623	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4624	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4625	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4626	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4627	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4628	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4629	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4630	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4631	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4632	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4633	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4634	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4635	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4636	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4637	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4638	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4639	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4640	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4641	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4642	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4643	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4644	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4645	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4646	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4647	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4648	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	1	N	E669
4649	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4650	N	N	N	N	Y	N	N	N	N	N	N	N	Y	1	0	N		
4651	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4652	N	N	N	Y	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4653	N	N	N	N	Y	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669

[illegible]

	BF	BG	BH
4566	N		
4567	N		
4568	N		
4569	N		
4570	N		
4571	N		
4572	N		
4573	N		
4574	N		
4575	N		
4576	N		
4577	N		
4578	N		
4579	N		
4580	N		
4581	N		
4582	N		
4583	N		
4584	N		
4585	N		
4586	N		
4587	N		
4588	N		
4589	N		
4590	N		
4591	N		
4592	N		
4593	N		
4594	N		
4595	N		
4596	N		
4597	N		
4598	N		
4599	N		
4600	N		
4601	N		
4602	YES 03/10/10	Staph. Epidermidis	
4603	N		
4604	N		
4605	N		
4606	N		
4607	N		
4608	N		
4609	N		
4610	N		
4611	N		
4612	N		
4613	N		
4614	N		
4615	N		
4616	N		
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4618	N		
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4622	N		
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4644	N		
4645	N		
4646	N		
4647	N		
4648	N		
4649	N		
4650	N		
4651	N		
4652	N		
4653	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4654		WG	47		W371	HIP	23-Sep-2010	N	N	N	N	58	N
4655		WG	82		W371	HIP	23-Sep-2010	N	N	N	N	4	N
4656		WG	66		W371	HIP	23-Sep-2010	N	N	N	N	2	N
4657		WG	74		W401	KNEE	23-Sep-2010	N	N	N	N	2	N
4658		WG	63		W401	KNEE	23-Sep-2010	N	N	N	N	2	N
4659		WG	79		W401	KNEE	24-Sep-2010	N	N	N	N	9	N
4660		NT	83		W401	KNEE	24-Sep-2010	N	N	N	N	19	N
4661		HX	62		W401	KNEE	24-Sep-2010	N	N	N	N	3	N
4662		HX	67		W401	KNEE	24-Sep-2010	N	N	N	N	2	N
4663		HX	70		W401	KNEE	24-Sep-2010	N	N	N	N	2	N
4664		HX	80		W401	KNEE	24-Sep-2010	N	N	N	N	3	N
4665		HX	62		W401	KNEE	24-Sep-2010	N	N	N	N	2	N
4666		WG	71		W371	HIP	27-Sep-2010	N	N	N	N	3	N
4667		WG	54		W371	HIP	27-Sep-2010	N	N	N	N	1	N
4668		HX	47		W381	HIP	27-Sep-2010	N	N	N	N	4	N
4669		HX	50		W381	HIP	27-Sep-2010	N	N	N	N	2	N
4670		WG	75		W401	KNEE	27-Sep-2010	N	N	N	N	7	N
4671		WG	54		W401	KNEE	27-Sep-2010	N	N	N	N	3	N
4672		WG	57		W401	KNEE	27-Sep-2010	N	N	N	N	2	N
4673		NT	82		W401	KNEE	27-Sep-2010	N	N	N	N	3	N
4674		NT	63		W401	KNEE	27-Sep-2010	N	N	N	N	3	N
4675		WG	77		W371	HIP	28-Sep-2010	N	N	N	N	5	N
4676		WG	64		W401	KNEE	28-Sep-2010	N	N	N	N	9	N
4677		WG	63		W401	KNEE	28-Sep-2010	N	N	N	N	2	N
4678		NT	60		W401	KNEE	28-Sep-2010	N	N	N	N	6	N
4679		NT	75		W401	KNEE	28-Sep-2010	N	N	N	N	6	N
4680		WG	66		W401	KNEE	28-Sep-2010	N	N	N	N	2	N
4681		WG	78		W401	KNEE	28-Sep-2010	N	N	N	N	7	N
4682		WG	83		W401	KNEE	28-Sep-2010	N	N	N	N	6	N
4683		WG	69		W401	KNEE	28-Sep-2010	N	N	N	N	2	N
4684		HX	82		W371	HIP	29-Sep-2010	N	N	N	N	7	N
4685		WG	76		W401	KNEE	29-Sep-2010	N	N	N	N	10	N
4686		WG	76		W401	KNEE	29-Sep-2010	N	N	N	N	22	N
4687		NT	65		W401	KNEE	29-Sep-2010	N	N	N	N	3	N
4688		NT	79		W381	HIP	30-Sep-2010	N	N	N	N	6	N
4689		NT	72		W381	HIP	30-Sep-2010	N	N	N	N	5	N
4690		WG	62		W401	KNEE	30-Sep-2010	N	N	N	N	2	N
4691		HX	67		W401	KNEE	30-Sep-2010	N	N	N	N	2	N
4692		HX	50		W401	KNEE	30-Sep-2010	N	N	N	N	4	N
4693		HX	66		W401	KNEE	30-Sep-2010	N	N	N	N	2	N
4694		NT	82		W371	HIP	01-Oct-2010	N	N	N	N	10	N
4695		NT	74		W371	HIP	01-Oct-2010	N	N	N	N	3	N
4696		WG	50		W401	KNEE	01-Oct-2010	N	N	N	N	3	N
4697		NT	54		W401	KNEE	01-Oct-2010	N	N	N	N	2	N
4698		NT	73		W401	KNEE	01-Oct-2010	N	N	N	N	3	N
4699		NT	59		W401	KNEE	01-Oct-2010	N	N	N	N	5	N
4700		WG	71		W401	KNEE	01-Oct-2010	N	N	N	N	3	N
4701		WG	72		W401	KNEE	01-Oct-2010	N	N	N	N	3	N
4702		HX	86		W401	KNEE	04-Oct-2010	N	N	N	N	36	N
4703		HX	66		W371	HIP	04-Oct-2010	N	N	N	N	2	N
4704		WG	84		W401	KNEE	04-Oct-2010	N	N	N	N	3	N
4705		NT	82		W401	KNEE	04-Oct-2010	N	N	N	N	3	N
4706		NT	71		W401	KNEE	04-Oct-2010	N	N	N	N	4	N
4707		WG	53		W401	KNEE	04-Oct-2010	N	N	N	N	3	N
4708		HX	61		W401	KNEE	04-Oct-2010	N	N	N	N	5	N
4709		WG	77		W401	KNEE	04-Oct-2010	N	N	N	N	2	N
4710		WG	59		W371	HIP	05-Oct-2010	N	N	N	N	10	N
4711		HX	66		W371	HIP	05-Oct-2010	N	N	N	N	3	N
4712		HX	65		W371	HIP	05-Oct-2010	N	N	N	N	4	N
4713		HX	74		W371	HIP	05-Oct-2010	N	N	N	N	3	N
4714		WG	55		W371	HIP	05-Oct-2010	N	N	N	N	2	N
4715		HX	67		W371	HIP	05-Oct-2010	N	N	N	N	4	N
4716		NT	89		W401	KNEE	05-Oct-2010	N	N	N	N	11	N
4717		WG	56		W401	KNEE	05-Oct-2010	N	N	N	N	2	N
4718		WG	69		W401	KNEE	05-Oct-2010	N	N	N	N	3	N
4719		WG	81		W401	KNEE	05-Oct-2010	N	N	N	N	3	N
4720		WG	83		W401	KNEE	05-Oct-2010	N	N	N	N	4	N
4721		NT	68		W401	KNEE	05-Oct-2010	N	N	N	N	3	N
4722		WG	77		W401	KNEE	05-Oct-2010	N	N	N	N	6	N
4723		NT	55		W371	HIP	06-Oct-2010	N	N	N	N	5	N
4724		HX	70		W371	HIP	06-Oct-2010	N	N	N	N	3	N
4725		HX	61		W371	HIP	06-Oct-2010	N	N	N	N	3	N
4726		WG	73		W401	KNEE	06-Oct-2010	N	N	N	N	8	N
4727		HX	60		W401	KNEE	06-Oct-2010	N	N	N	N	2	N
4728		HX	76		W401	KNEE	06-Oct-2010	N	N	N	N	5	N
4729		WG	73		W371	HIP	07-Oct-2010	N	N	N	N	4	N
4730		NT	53		W381	HIP	07-Oct-2010	N	N	N	N	3	N
4731		WG	70		W401	KNEE	07-Oct-2010	N	N	N	N	4	N
4732		WG	61		W401	KNEE	07-Oct-2010	N	N	N	N	5	N
4733		HX	47		W401	KNEE	07-Oct-2010	N	N	N	N	3	N
4734		HX	65		W401	KNEE	07-Oct-2010	N	N	N	N	4	N
4735		HX	63		W401	KNEE	08-Oct-2010	N	N	N	N	3	N
4736		HX	77		W401	KNEE	08-Oct-2010	N	N	N	N	3	N
4737		HX	70		W401	KNEE	08-Oct-2010	N	N	N	N	3	N
4738		WG	57		W371	HIP	11-Oct-2010	N	N	N	N	4	N
4739		NT	61		W381	HIP	11-Oct-2010	N	N	N	N	3	N
4740		NT	73		W371	HIP	11-Oct-2010	N	N	N	N	2	N
4741		WG	85		W371	HIP	11-Oct-2010	N	N	N	N	4	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
4654	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4655	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4656	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4657	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4658	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4659	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4660	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4661	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4662	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4663	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4664	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4665	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4666	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4667	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4668	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4669	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4670	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4671	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4672	N	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4673	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4674	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4675	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4676	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4677	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4678	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4679	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4680	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4681	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4682	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4683	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4684	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4685	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4686	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	N	
4687	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4688	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4689	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4690	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4691	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4692	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4693	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4694	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4695	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4696	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4697	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4698	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4699	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4700	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4701	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4702	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4703	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4704	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4705	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4706	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4707	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4708	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4709	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4710	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4711	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4712	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4713	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4714	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4715	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4716	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4717	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4718	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4719	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4720	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4721	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4722	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4723	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	6	0	N	F669
4724	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4725	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4726	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4727	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4728	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4729	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4730	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4731	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4732	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4733	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4734	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4735	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4736	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4737	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4738	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4739	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4740	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4741	Y	N	N	N	Y	N	N	N	N	N	N	N	N	Y	15	0	N	E669

[illegible]

	BF	BG	BH
4654	N		
4655	N		
4656	N		
4657	N		
4658	N		
4659	N		
4660	N		
4661	N		
4662	N		
4663	N		
4664	N		
4665	N		
4666	N		
4667	N		
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	A	B	C	D	E	F	G	H	I	J	K	L	M
4742		HX	82		W371	HIP	11-Oct-2010	N		N		3	N
4743		WG	77		W401	KNEE	11-Oct-2010	N		N		8	N
4744		HX	74		W401	KNEE	11-Oct-2010	N	N		Y	4	N
4745		NT	76		W401	KNEE	11-Oct-2010	N		N		5	N
4746		WG	75		W401	KNEE	11-Oct-2010	N		N		9	N
4747		NT	72		W401	KNEE	11-Oct-2010	N		N		4	N
4748		HX	49		W401	KNEE	11-Oct-2010	N		N		2	N
4749		HX	73		W401	KNEE	11-Oct-2010	N		N		3	N
4750		HX	80		W401	KNEE	11-Oct-2010	N		N		2	N
4751		HX	62		W401	KNEE	11-Oct-2010	N		N		3	N
4752		NT	86		W381	HIP	12-Oct-2010	N		N		29	N
4753		WG	74		W371	HIP	12-Oct-2010	N		N		4	N
4754		HX	57		W371	HIP	12-Oct-2010	N		N		2	N
4755		WG	51		W421	KNEE	12-Oct-2010	N		N		3	N
4756		WG	70		W401	KNEE	12-Oct-2010	N		N		3	N
4757		NT	61		W401	KNEE	12-Oct-2010	N		N		4	N
4758		NT	80		W371	HIP	13-Oct-2010	N		N		6	N
4759		NT	48		W371	HIP	13-Oct-2010	N		N		10	N
4760		HX	61		W371	HIP	13-Oct-2010	N		N		3	N
4761		NT	66		W401	KNEE	13-Oct-2010	N		N		4	N
4762		NT	69		W411	KNEE	13-Oct-2010	N		N		3	N
4763		HX	70		W401	KNEE	13-Oct-2010	N		N		2	N
4764		NT	68		W401	KNEE	13-Oct-2010	N		N		5	N
4765		HX	59		W401	KNEE	13-Oct-2010	N		N		2	N
4766		HX	82		W371	HIP	14-Oct-2010	N		N		5	N
4767		WG	62		W371	HIP	14-Oct-2010	N		N		3	N
4768		WG	64		W371	HIP	14-Oct-2010	N		N		3	N
4769		WG	62		W401	KNEE	14-Oct-2010	N		N		3	N
4770		WG	47		W401	KNEE	14-Oct-2010	N		N		2	N
4771		HX	72		W401	KNEE	14-Oct-2010	N		N		1	N
4772		HX	88		W401	KNEE	14-Oct-2010	N		N		5	N
4773		WG	80		W371	HIP	15-Oct-2010	N		N		6	N
4774		WG	63		W371	HIP	15-Oct-2010	N		N		3	N
4775		NT	62		W381	HIP	15-Oct-2010	N		N		4	N
4776		HX	64		W371	HIP	15-Oct-2010	N		N		3	N
4777		HX	34		W381	HIP	15-Oct-2010	N		N		1	N
4778		NT	66		W401	KNEE	15-Oct-2010	N		N		5	N
4779		NT	64		W401	KNEE	15-Oct-2010	N		N		4	N
4780		WG	54		W401	KNEE	15-Oct-2010	N		N		3	N
4781		HX	69		W401	KNEE	15-Oct-2010	N		N		2	N
4782		HX	63		W401	KNEE	15-Oct-2010	N		N		4	N
4783		HX	64		W401	KNEE	15-Oct-2010	N		N		3	N
4784		HX	72		W401	KNEE	15-Oct-2010	N		N		2	N
4785		WG	70		W401	KNEE	15-Oct-2010	N		N		4	N
4786		WG	52		W381	HIP	16-Oct-2010	N		N		2	N
4787		WG	53		W371	HIP	16-Oct-2010	N		N		2	N
4788		WG	63		W371	HIP	16-Oct-2010	N		N		4	N
4789		NT	65		W371	HIP	16-Oct-2010	N		N		3	N
4790		HX	67		W371	HIP	16-Oct-2010	N		N		3	N
4791		WG	65		W371	HIP	18-Oct-2010	N		N		4	N
4792		NT	64		W381	HIP	18-Oct-2010	N		N		3	N
4793		NT	76		W401	KNEE	18-Oct-2010	N		N		11	N
4794		HX	57		W401	KNEE	18-Oct-2010	N		N		3	N
4795		HX	68		W401	KNEE	18-Oct-2010	N		N		2	N
4796		HX	70		W371	HIP	19-Oct-2010	N		N		3	N
4797		WG	81		W401	KNEE	19-Oct-2010	N		N		30	N
4798		NT	67		W401	KNEE	19-Oct-2010	N		N		4	N
4799		NT	77		W401	KNEE	19-Oct-2010	N		N		5	N
4800		WG	71		W401	KNEE	19-Oct-2010	N		N		4	N
4801		WG	48		W401	KNEE	19-Oct-2010	N		N		3	N
4802		HX	66		W401	KNEE	19-Oct-2010	N		N		2	N
4803		HX	67		W401	KNEE	19-Oct-2010	N		N		3	N
4804		HX	73		W401	KNEE	19-Oct-2010	N		N		2	N
4805		WG	71		W401	KNEE	20-Oct-2010	N		N		#NULL!	N
4806		WG	73		W401	KNEE	20-Oct-2010	N		N		7	N
4807		WG	81		W411	KNEE	20-Oct-2010	N		N		5	N
4808		WG	88		W371	HIP	21-Oct-2010	N		N		5	N
4809		HX	83		W381	HIP	21-Oct-2010	N		N		5	N
4810		NT	77		W371	HIP	21-Oct-2010	N		N		4	N
4811		NT	54		W381	HIP	21-Oct-2010	N		N		7	N
4812		WG	71		W401	KNEE	21-Oct-2010	N		N		5	N
4813		NT	68		W371	HIP	22-Oct-2010	N		N		3	N
4814		HX	51		W381	HIP	22-Oct-2010	N		N		4	N
4815		HX	69		W381	HIP	22-Oct-2010	N		N		3	N
4816		HX	64		W381	HIP	22-Oct-2010	N		N		2	N
4817		NT	59		W371	HIP	22-Oct-2010	N		N		3	N
4818		WG	74		W401	KNEE	22-Oct-2010	N		N		4	N
4819		NT	77		W401	KNEE	22-Oct-2010	N		N		5	N
4820		HX	61		W401	KNEE	22-Oct-2010	N		N		2	N
4821		WG	63		W371	HIP	25-Oct-2010	N		N		4	N
4822		WG	73		W401	KNEE	25-Oct-2010	N		N		4	N
4823		WG	71		W401	KNEE	25-Oct-2010	N		N		5	N
4824		NT	73		W401	KNEE	25-Oct-2010	N		N		2	N
4825		WG	76		W401	KNEE	25-Oct-2010	N		N		2	N
4826		NT	68		W401	KNEE	25-Oct-2010	N		N		7	N
4827		HX	83		W401	KNEE	25-Oct-2010	N		N		4	N
4828		NT	64		W381	HIP	26-Oct-2010	N		N		3	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
4742	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4743	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4744	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4745	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4746	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4747	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4748	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4749	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4750	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4751	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4752	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y
4753	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4754	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4755	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4756	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4757	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
4758	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4759	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
4760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4761	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4762	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4763	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4764	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4765	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4766	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4767	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4768	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4769	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4770	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4771	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4772	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4773	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
4774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4776	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4777	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4778	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4779	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4780	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4781	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4783	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4784	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4785	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4786	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4787	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4788	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4789	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4790	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4791	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4792	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4793	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4794	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4795	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4797	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4798	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4799	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4801	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4803	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4808	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4810	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4813	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N
4814	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4818	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4819	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4820	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4823	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4824	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
4826	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4827	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4828	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
4742	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4743	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4744	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4745	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4746	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4747	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4748	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4749	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4750	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4751	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4752	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	1	N	E669
4753	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4754	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4755	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4756	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4757	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4758	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4759	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4760	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4761	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4762	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4763	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4764	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4765	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4766	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4767	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4768	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4769	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4770	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4771	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4772	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4773	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4774	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4775	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4776	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4777	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4778	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4779	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4780	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4781	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4782	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4783	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4784	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4785	Y	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
4786	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4787	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4788	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4789	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4790	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4791	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	14	0	N	
4792	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4793	N	N	N	Y	Y	N	N	N	N	N	N	N	N	Y	24	0	N	
4794	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4795	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4796	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4797	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	#NULL!	0	N	
4798	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4799	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4800	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4801	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4802	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4803	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4804	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4805	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	Y	
4806	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4807	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4808	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4809	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4810	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	#NULL!	0	N	
4811	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4812	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4813	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4814	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4815	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4816	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4817	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4818	N	Y	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4819	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	11	0	N	
4820	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4821	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4822	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	3	N	
4823	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4824	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4825	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4826	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4827	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	16	0	N	
4828	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

[illegible]

	BF	BG	BH
4742	N		
4743	N		
4744	N		
4745	N		
4746	N		
4747	N		
4748	N		
4749	N		
4750	N		
4751	N		
4752	N		
4753	N		
4754	N		
4755	N		
4756	N		
4757	N		
4758	N		
4759	N		
4760	N		
4761	N		
4762	N		
4763	N		
4764	N		
4765	N		
4766	N		
4767	N		
4768	N		
4769	N		
4770	N		
4771	N		
4772	N		
4773	N		
4774	N		
4775	N		
4776	N		
4777	N		
4778	N		
4779	N		
4780	N		
4781	N		
4782	N		
4783	N		
4784	N		
4785	N		
4786	N		
4787	N		
4788	N		
4789	N		
4790	N		
4791	YES 09/11/10	Staph. Auricularis & Staph. Capitis (both coag neg staph). Strp. Mitis Alactoyticus	
4792	N		
4793	YES	Staph. ep./Enterococcus faecilis	
4794	N		
4795	N		
4796	N		
4797	N		
4798	N		
4799	N		
4800	N		
4801	N		
4802	N		
4803	N		
4804	N		
4805	N		
4806	N		
4807	N		
4808	N		
4809	N		
4810	N		
4811	N		
4812	N		
4813	N		
4814	N		
4815	N		
4816	N		
4817	N		
4818	N		
4819	N		
4820	N		
4821	N		
4822	N		
4823	N		
4824	N		
4825	N		
4826	N		
4827	YES	Staph. Epidermidis	
4828	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4829	NT	73			W371	HIP	26-Oct-2010	N		N		4	N
4830	NT	77			W401	KNEE	26-Oct-2010	N		N		7	N
4831	NT	87			W401	KNEE	26-Oct-2010	N		N		4	N
4832	NT	66			W401	KNEE	26-Oct-2010	N		N		2	N
4833	NT	74			W371	HIP	27-Oct-2010	N		N		4	N
4834	NT	83			W401	KNEE	27-Oct-2010	N		N		5	N
4835	WG	81			W401	KNEE	28-Oct-2010	N		N		6	N
4836	NT	92			W371	HIP	29-Oct-2010	N		N		17	N
4837	NT	71			W371	HIP	29-Oct-2010	N		N		2	N
4838	NT	71			W401	KNEE	29-Oct-2010	N		N		7	N
4839	NT	64			W401	KNEE	29-Oct-2010	N		N		4	N
4840	NT	83			W401	KNEE	29-Oct-2010	N		N		4	N
4841	NT	79			W401	KNEE	29-Oct-2010	N		N		5	N
4842	HX	78			W401	KNEE	29-Oct-2010	N		N		3	N
4843	NT	55			W371	HIP	01-Nov-2010	N		N		3	N
4844	HX	61			W371	HIP	01-Nov-2010	N		N		3	N
4845	NT	70			W371	HIP	01-Nov-2010	N		N		7	N
4846	WG	72			W401	KNEE	01-Nov-2010	N		N		4	N
4847	HX	86			W401	KNEE	01-Nov-2010	N		N		2	N
4848	WG	62			W371	HIP	02-Nov-2010	N		N		3	N
4849	WG	75			W371	HIP	02-Nov-2010	N		N		8	N
4850	NT	62			W381	HIP	02-Nov-2010	N		N		5	N
4851	NT	73			W371	HIP	02-Nov-2010	N		N		3	N
4852	WG	68			W371	HIP	02-Nov-2010	N		N		4	N
4853	NT	81			W381	HIP	02-Nov-2010	N		N		4	N
4854	HX	80			W371	HIP	02-Nov-2010	N		N		5	N
4855	WG	76			W401	KNEE	02-Nov-2010	N		N		4	N
4856	WG	65			W401	KNEE	02-Nov-2010	N		N		3	N
4857	NT	73			W401	KNEE	02-Nov-2010	N		N		3	N
4858	NT	47			W371	HIP	03-Nov-2010	N		N		3	N
4859	NT	75			W401	KNEE	03-Nov-2010	N		N		12	N
4860	WG	73			W401	KNEE	03-Nov-2010	N		N		3	N
4861	WG	73			W401	KNEE	03-Nov-2010	N		N		8	N
4862	NT	66			W401	KNEE	03-Nov-2010	N		N		3	N
4863	HX	68			W401	KNEE	03-Nov-2010	N		N		4	N
4864	HX	70			W401	KNEE	03-Nov-2010	N		N		3	N
4865	HX	71			W401	KNEE	03-Nov-2010	N		N		2	N
4866	HX	69			W401	KNEE	03-Nov-2010	N		N		2	N
4867	HX	69			W401	KNEE	03-Nov-2010	N		N		2	N
4868	WG	89			W401	KNEE	03-Nov-2010	N		N		9	N
4869	WG	71			W401	KNEE	03-Nov-2010	N		N		2	N
4870	NT	61			W401	KNEE	04-Nov-2010	N		N		5	N
4871	WG	74			W401	KNEE	04-Nov-2010	N		N		3	N
4872	WG	71			W401	KNEE	04-Nov-2010	N		N		4	N
4873	HX	78			W401	KNEE	04-Nov-2010	N		N		5	N
4874	HX	75			W401	KNEE	04-Nov-2010	N		N		4	N
4875	HX	57			W401	KNEE	04-Nov-2010	N		N		3	N
4876	NT	77			W371	HIP	05-Nov-2010	N		N		11	N
4877	HX	72			W381	HIP	05-Nov-2010	N		N		3	N
4878	NT	50			W381	HIP	05-Nov-2010	N		N		2	N
4879	NT	89			W371	HIP	05-Nov-2010	N		N		7	N
4880	WG	57			W371	HIP	05-Nov-2010	N		N		2	N
4881	NT	74			W401	KNEE	05-Nov-2010	N		N		7	N
4882	HX	75			W401	KNEE	07-Nov-2010	N		N		5	N
4883	NT	83			W381	HIP	08-Nov-2010	N		N		14	N
4884	NT	34			W371	HIP	08-Nov-2010	N		N		3	N
4885	HX	45			W381	HIP	08-Nov-2010	N		N		2	N
4886	WG	74			W401	KNEE	08-Nov-2010	N		N		7	N
4887	WG	70			W401	KNEE	08-Nov-2010	N		N		5	N
4888	NT	61			W401	KNEE	08-Nov-2010	N		N		7	N
4889	NT	64			W401	KNEE	08-Nov-2010	N		N		4	N
4890	HX	84			W401	KNEE	08-Nov-2010	N		N		2	N
4891	NT	52			W401	KNEE	08-Nov-2010	N		N		6	N
4892	WG	74			W371	HIP	09-Nov-2010	N		N		6	N
4893	NT	42			W381	HIP	09-Nov-2010	N		N		3	N
4894	HX	82			W371	HIP	09-Nov-2010	N		N		3	N
4895	NT	84			W401	KNEE	09-Nov-2010	N		N		16	N
4896	WG	84			W401	KNEE	09-Nov-2010	N		N		2	N
4897	NT	77			W401	KNEE	09-Nov-2010	N		N		10	N
4898	NT	64			W401	KNEE	09-Nov-2010	N		N		3	N
4899	WG	78			W401	KNEE	09-Nov-2010	N		N		3	N
4900	HX	72			W401	KNEE	09-Nov-2010	N		N		3	N
4901	NT	72			W401	KNEE	09-Nov-2010	N		N		7	N
4902	NT	66			W401	KNEE	09-Nov-2010	N		N		3	N
4903	WG	64			W401	KNEE	09-Nov-2010	N		N		4	N
4904	HX	52			W401	KNEE	09-Nov-2010	N		N		3	N
4905	WG	68			W401	KNEE	10-Nov-2010	N		N		2	N
4906	WG	66			W401	KNEE	10-Nov-2010	N		N		3	N
4907	NT	82			W401	KNEE	10-Nov-2010	N		N		6	N
4908	NT	78			W401	KNEE	10-Nov-2010	N		N		14	N
4909	NT	78			W401	KNEE	10-Nov-2010	N		N		2	N
4910	WG	59			W371	HIP	11-Nov-2010	N		N		2	N
4911	NT	63			W381	HIP	11-Nov-2010	N		N		4	N
4912	NT	62			W381	HIP	11-Nov-2010	N		N		4	N
4913	WG	67			W401	KNEE	11-Nov-2010	N		N		3	N
4914	WG	80			W401	KNEE	11-Nov-2010	N		N		3	N
4915	HX	80			W401	KNEE	11-Nov-2010	N		N		0	N
4916	HX	68			W401	KNEE	11-Nov-2010	N		N		11	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
4829 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4830 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4831 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4832 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4833 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4834 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4835 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4836 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4837 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4838 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4839 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4840 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4841 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4842 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4843 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4844 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4845 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4846 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4847 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4848 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4849 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4850 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4851 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4852 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4853 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4854 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4855 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4856 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4857 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4858 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4859 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4860 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4861 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4862 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4863 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4864 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4865 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4866 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4867 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4868 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4869 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4870 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4871 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4872 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4873 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4874 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4875 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4876 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4877 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4878 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4879 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4880 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4881 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4882 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4883 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4884 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4885 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4886 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4887 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4888 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4890 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4893 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4896 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4897 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4901 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
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4915 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4916 N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

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4830	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4831	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4832	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4833	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4835	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4837	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4838	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669	
4839	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669	
4840	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669	
4841	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4843	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4847	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4848	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4850	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669	
4851	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669	
4852	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4853	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4854	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4855	N	N	N	N	Y	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669	
4856	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4865	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4866	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
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4872	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
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4874	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4875	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4879	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4880	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4881	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669	
4882	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4885	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4886	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	#NULL!	7	0	N	E669
4887	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4888	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4889	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
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4894	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N		
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4899	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4902	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
4903	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4905	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N		
4906	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669	
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4908	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
4909	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669	
4910	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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4912	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N		
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[illegible]

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4916	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
4917		WG	71		W371	HIP	12-Nov-2010	N		N		4	N
4918		NT	77		W371	HIP	12-Nov-2010	N		N		3	N
4919		WG	75		W401	KNEE	12-Nov-2010	N		N		15	N
4920		NT	54		W401	KNEE	12-Nov-2010	N		N		4	N
4921		NT	67		W401	KNEE	12-Nov-2010	N		N		4	N
4922		NT	73		W401	KNEE	12-Nov-2010	N		N		3	N
4923		HX	62		W401	KNEE	12-Nov-2010	N		N		3	N
4924		HX	65		W401	KNEE	12-Nov-2010	N		N		3	N
4925		WG	60		W371	HIP	15-Nov-2010	N		N		3	N
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4927		HX	62		W371	HIP	15-Nov-2010	N		N		2	N
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4929		HX	61		W371	HIP	15-Nov-2010	N		N		2	N
4930		WG	74		W401	KNEE	15-Nov-2010	N		N		5	N
4931		WG	63		W401	KNEE	15-Nov-2010	N		N		12	N
4932		WG	74		W401	KNEE	15-Nov-2010	N		N		3	N
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4934		NT	75		W381	HIP	16-Nov-2010	N		N		3	N
4935		WG	78		W371	HIP	16-Nov-2010	N		N		2	N
4936		HX	80		W371	HIP	16-Nov-2010	N		N		2	N
4937		WG	56		W371	HIP	16-Nov-2010	N		N		2	N
4938		HX	62		W371	HIP	16-Nov-2010	N		N		2	N
4939		NT	70		W371	HIP	16-Nov-2010	N		N		2	N
4940		NT	79		W401	KNEE	16-Nov-2010	N		N		14	N
4941		NT	69		W401	KNEE	16-Nov-2010	N		N		4	N
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4943		HX	74		W401	KNEE	16-Nov-2010	N		N		3	N
4944		NT	56		W401	KNEE	16-Nov-2010	N		N		2	N
4945		HX	72		W401	KNEE	16-Nov-2010	N		N		3	N
4946		NT	56		W381	HIP	17-Nov-2010	N		N		2	N
4947		NT	45		W381	HIP	17-Nov-2010	N		N		2	N
4948		NT	74		W371	HIP	17-Nov-2010	N		N		5	N
4949		HX	77		W371	HIP	17-Nov-2010	N		N		2	N
4950		NT	65		W401	KNEE	17-Nov-2010	N		N		5	N
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4953		WG	83		W371	HIP	18-Nov-2010	N		N		6	N
4954		WG	73		W371	HIP	18-Nov-2010	N		N		4	N
4955		WG	69		W401	KNEE	18-Nov-2010	N		N		5	N
4956		HX	72		W401	KNEE	18-Nov-2010	N		N		4	N
4957		HX	74		W401	KNEE	18-Nov-2010	N		N		4	N
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4959		NT	71		W401	KNEE	18-Nov-2010	N		N		4	N
4960		NT	72		W381	HIP	19-Nov-2010	N		N		3	N
4961		HX	72		W371	HIP	19-Nov-2010	N		N		2	N
4962		HX	75		W371	HIP	19-Nov-2010	N		N		3	N
4963		HX	62		W371	HIP	19-Nov-2010	N		N		3	N
4964		NT	55		W401	KNEE	19-Nov-2010	N		N		4	N
4965		NT	39		W401	KNEE	19-Nov-2010	N		N		6	N
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4967		WG	79		W371	HIP	22-Nov-2010	N		N		27	N
4968		WG	83		W371	HIP	22-Nov-2010	N		N		7	N
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4973		WG	51		W401	KNEE	22-Nov-2010	N		N		3	N
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4975		HX	67		W401	KNEE	22-Nov-2010	N		N		2	N
4976		NT	73		W381	HIP	23-Nov-2010	N		N		2	N
4977		WG	82		W371	HIP	23-Nov-2010	N		N		22	N
4978		WG	65		W371	HIP	23-Nov-2010	N		N		2	N
4979		HX	54		W371	HIP	23-Nov-2010	N		N		3	N
4980		HX	48		W371	HIP	23-Nov-2010	N		N		2	N
4981		WG	78		W401	KNEE	23-Nov-2010	N		N		13	N
4982		NT	80		W401	KNEE	23-Nov-2010	N		N		3	N
4983		HX	79		W401	KNEE	23-Nov-2010	N		N		2	N
4984		NT	69		W401	KNEE	23-Nov-2010	N		N		2	N
4985		HX	56		W401	KNEE	23-Nov-2010	N		N		2	N
4986		NT	88		W371	HIP	24-Nov-2010	N		N		16	N
4987		WG	64		W371	HIP	24-Nov-2010	N		N		1	N
4988		NT	71		W371	HIP	24-Nov-2010	N		N		3	N
4989		NT	79		W371	HIP	24-Nov-2010	N		N		6	N
4990		NT	77		W401	KNEE	24-Nov-2010	N		N		6	N
4991		WG	68		W401	KNEE	24-Nov-2010	N		N		3	N
4992		NT	72		W401	KNEE	24-Nov-2010	N		N		5	N
4993		WG	85		W401	KNEE	24-Nov-2010	N		N		7	N
4994		WG	56		W401	KNEE	24-Nov-2010	N		N		3	N
4995		HX	72		W401	KNEE	24-Nov-2010	N		N		6	N
4996		WG	54		W401	KNEE	25-Nov-2010	N		N		2	N
4997		HX	74		W371	HIP	25-Nov-2010	N		N		2	N
4998		HX	67		W371	HIP	25-Nov-2010	N		N		3	N
4999		WG	67		W401	KNEE	25-Nov-2010	N		N		20	N
5000		NT	64		W401	KNEE	25-Nov-2010	N		N		2	N
5001		NT	73		W401	KNEE	25-Nov-2010	N		N		4	N
5002		WG	76		W401	KNEE	26-Nov-2010	N		N		3	N
5003		HX	64		W401	KNEE	26-Nov-2010	N		N		4	N
5004		WG	90		W371	HIP	30-Nov-2010	N		N		#NULL	N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
4917	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4919	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N
4920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
4921	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4922	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4923	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4925	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4928	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4929	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4930	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4931	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y
4932	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4933	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4934	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	N	Y
4935	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4936	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4937	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4938	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4940	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4941	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4942	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4943	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4944	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4947	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4948	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4949	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4962	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4963	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4965	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	N
4966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4968	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4969	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4971	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4972	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4973	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4974	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4975	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4981	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4982	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N
4984	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4990	N	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	N	N
4991	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4993	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
4994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4995	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
4997	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4999	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
5000	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
5002	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
5003	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AI	AV	AW
4917	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4918	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4919	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	4	N	E669
4920	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4921	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
4922	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4923	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4924	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4925	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4926	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4927	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4928	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4929	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4930	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	0	N	E659
4931	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4932	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4933	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4934	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y	0	0	N	
4935	N	N	N	N	N	Y	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4936	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4937	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4938	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4939	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4940	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	1	0	N	
4941	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
4942	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4943	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4944	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4945	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4946	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4947	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4948	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4949	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4950	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4951	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4952	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4953	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4954	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4955	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4956	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4957	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4958	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4959	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4960	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4961	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4962	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4963	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4964	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4965	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4966	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4967	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
4968	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4969	Y	N	N	N	N	N	N	N	N	Y	N	N	N	N	#NULL!	0	N	E669
4970	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4971	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	3	0	N	E669
4972	N	N	N	N	N	Y	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4973	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4974	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4975	Y	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4976	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4977	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4978	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4979	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4980	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4981	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	E669
4982	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	6	0	N	
4983	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4984	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
4985	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4986	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4987	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4988	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4989	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4990	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4991	N	N	N	Y	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
4992	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4993	N	N	N	N	N	N	N	N	N	N	Y	N	N	Y	2	0	N	
4994	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
4995	Y	N	N	Y	N	N	N	N	N	N	N	N	N	Y	0	0	N	
4996	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
4997	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
4998	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
4999	N	N	N	Y	N	N	N	N	N	N	N	N	N	Y	8	1	N	E669
5000	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
5001	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5002	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5003	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
5004	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	2	Y	

[illegible]

	BF	BG	BH
4917	N		
4918	N		
4919	N		
4920	N		
4921	N		
4922	N		
4923	N		
4924	N		
4925	N		
4926	N		
4927	N		
4928	N		
4929	N		
4930	N		
4931	N		
4932	N		
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4958	N		
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4964	N		
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4966	N		
4967	N		
4968	YES 15/12/10	Staph Epidermidis, Enterococcus Anaerobe	
4969	N		
4970	N		
4971	N		
4972	N		
4973	N		
4974	N		
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4980	N		
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4994	N		
4995	N		
4996	N		
4997	N		
4998	N		
4999	N		
5000	N		
5001	N		
5002	N		
5003	N		
5004	N		

	A	B	C	D	E	F	G	H	I	J	K	L	M
5005	HX	74			W371	HIP	30-Nov-2010	N		N		3	N
5006	NT	66			W381	HIP	30-Nov-2010	N		N		3	N
5007	NT	77			W371	HIP	30-Nov-2010	N		N		6	N
5008	HX	67			W371	HIP	30-Nov-2010	N		N		3	N
5009	HX	44			W371	HIP	30-Nov-2010	N		N		3	N
5010	HX	69			W371	HIP	30-Nov-2010	N		N		3	N
5011	WG	86			W401	KNEE	30-Nov-2010	N		N		7	N
5012	NT	76			W401	KNEE	30-Nov-2010	N		N		3	N
5013	NT	64			W401	KNEE	30-Nov-2010	N		N		4	N
5014	NT	62			W401	KNEE	30-Nov-2010	N		N		2	N
5015	HX	67			W401	KNEE	30-Nov-2010	N		N		3	N
5016	NT	73			W371	HIP	01-Dec-2010	N		N		5	N
5017	NT	62			W381	HIP	01-Dec-2010	N		N		10	N
5018	HX	70			W371	HIP	01-Dec-2010	N		N		2	N
5019	HX	76			W371	HIP	01-Dec-2010	N		N		5	N
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5021	HX	72			W401	KNEE	01-Dec-2010	N		N		2	N
5022	HX	65			W371	HIP	02-Dec-2010	N		N		4	N
5023	NT	62			W371	HIP	03-Dec-2010	N		N		5	N
5024	NT	82			W371	HIP	03-Dec-2010	N		N		4	N
5025	WG	74			W371	HIP	03-Dec-2010	N		N		2	N
5026	WG	74			W401	KNEE	03-Dec-2010	N		N		5	N
5027	NT	83			W401	KNEE	03-Dec-2010	N		N		4	N
5028	HX	48			W401	KNEE	03-Dec-2010	N		N		4	N
5029	WG	63			W401	KNEE	03-Dec-2010	N		N		3	N
5030	WG	71			W401	KNEE	03-Dec-2010	N		N		19	N
5031	NT	72			W371	HIP	06-Dec-2010	N		N		3	N
5032	HX	79			W371	HIP	06-Dec-2010	N		N		3	N
5033	HX	69			W371	HIP	06-Dec-2010	N		N		3	N
5034	WG	89			W401	KNEE	06-Dec-2010	Y	Y	N		12	N
5035	WG	75			W401	KNEE	06-Dec-2010	N		N		4	N
5036	WG	47			W401	KNEE	06-Dec-2010	N		N		4	N
5037	NT	83			W401	KNEE	06-Dec-2010	N		N		3	N
5038	HX	75			W401	KNEE	06-Dec-2010	N		N		4	N
5039	HX	59			W401	KNEE	06-Dec-2010	N		N		2	N
5040	HX	66			W401	KNEE	06-Dec-2010	N		N		2	N
5041	WG	77			W371	HIP	07-Dec-2010	N		N		4	N
5042	WG	67			W371	HIP	07-Dec-2010	N		N		6	N
5043	WG	74			W371	HIP	07-Dec-2010	N		N		6	N
5044	WG	77			W371	HIP	07-Dec-2010	N		N		4	N
5045	HX	67			W371	HIP	07-Dec-2010	N		N		3	N
5046	WG	63			W401	KNEE	07-Dec-2010	N		N		2	N
5047	WG	55			W401	KNEE	07-Dec-2010	N		N		3	N
5048	NT	75			W401	KNEE	07-Dec-2010	N		N		4	N
5049	WG	73			W401	KNEE	07-Dec-2010	N		N		4	N
5050	NT	82			W401	KNEE	07-Dec-2010	N		N		5	N
5051	WG	62			W401	KNEE	08-Dec-2010	N		N		5	N
5052	HX	74			W401	KNEE	08-Dec-2010	N		N		2	N
5053	WG	66			W371	HIP	09-Dec-2010	N		N		3	N
5054	HX	74			W371	HIP	09-Dec-2010	N		N		4	N
5055	WG	59			W371	HIP	09-Dec-2010	N		N		4	N
5056	HX	63			W371	HIP	09-Dec-2010	N		N		3	N
5057	HX	75			W401	KNEE	09-Dec-2010	N		N		8	N
5058	HX	73			W401	KNEE	09-Dec-2010	N		N		5	N
5059	NT	64			W381	HIP	10-Dec-2010	N		N		4	N
5060	NT	60			W401	KNEE	10-Dec-2010	N		N		3	N
5061	NT	76			W401	KNEE	10-Dec-2010	N		N		3	N
5062	HX	73			W401	KNEE	10-Dec-2010	N		N		4	N
5063	HX	59			W401	KNEE	10-Dec-2010	N		N		3	N
5064	HX	81			W401	KNEE	10-Dec-2010	N		N		3	N
5065	HX	59			W401	KNEE	10-Dec-2010	N		N		3	N
5066	WG	77			W371	HIP	12-Dec-2010	N		N		9	N
5067	HX	59			W401	KNEE	12-Dec-2010	N		N		3	N
5068	HX	74			W371	HIP	13-Dec-2010	N		N		11	N
5069	NT	60			W381	HIP	13-Dec-2010	N		N		2	N
5070	NT	67			W371	HIP	13-Dec-2010	N		N		3	N
5071	HX	58			W371	HIP	13-Dec-2010	N		N		2	N
5072	HX	71			W401	KNEE	13-Dec-2010	N		N		5	N
5073	WG	70			W371	HIP	14-Dec-2010	N		N		3	N
5074	NT	77			W371	HIP	14-Dec-2010	N		N		4	N
5075	NT	68			W371	HIP	14-Dec-2010	N		N		3	N
5076	WG	68			W371	HIP	14-Dec-2010	N		N		2	N
5077	WG	30			W371	HIP	14-Dec-2010	N		N		2	N
5078	WG	80			W401	KNEE	14-Dec-2010	N		N		3	N
5079	WG	75			W401	KNEE	14-Dec-2010	N		N		7	N
5080	WG	68			W401	KNEE	14-Dec-2010	N		N		3	N
5081	WG	67			W401	KNEE	14-Dec-2010	N		N		3	N
5082	HX	65			W401	KNEE	14-Dec-2010	N		N		2	N
5083	WG	75			W371	HIP	15-Dec-2010	N		N		5	N
5084	NT	75			W381	HIP	15-Dec-2010	N		N		4	N
5085	NT	84			W401	KNEE	16-Dec-2010	N		N		13	N
5086	WG	68			W371	HIP	16-Dec-2010	N		N		5	N
5087	HX	85			W371	HIP	16-Dec-2010	N		N		5	N
5088	WG	51			W401	KNEE	16-Dec-2010	N		N		7	N
5089	HX	62			W401	KNEE	16-Dec-2010	N		N		3	N
5090	NT	78			W401	KNEE	20-Dec-2010	N		N		4	N
5091	HX	65			W401	KNEE	20-Dec-2010	N		N		3	N
5092	WG	59			W371	HIP	21-Dec-2010	N		N		2	N

[illegible]

	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
5005	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
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5007	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
5008	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5009	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5010	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5011	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5012	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5013	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
5014	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5015	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5016	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5017	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5018	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5019	N	N	N	N	N	Y	N	N	N	N	N	N	N	Y	7	0	N	
5020	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5021	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5022	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5023	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
5024	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5025	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5026	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5027	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
5028	N	N	N	N	Y	N	N	N	N	N	N	N	N	Y	11	0	N	E669
5029	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5030	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5031	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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5033	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5034	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5035	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5036	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	E669
5037	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5038	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
5039	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
5040	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E668
5041	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5042	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5043	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5044	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5045	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5046	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5047	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5048	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	1	N	
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5051	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5052	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
5053	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5054	Y	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	E669
5055	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
5056	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5057	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
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5061	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
5062	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5063	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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5070	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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5072	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5073	Y	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	
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5075	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5076	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5077	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5078	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5079	Y	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	0	N	
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5081	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5082	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5083	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
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5087	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5088	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	#NULL!	0	N	E669
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5091	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5092	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669

[illegible]

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5092	N		

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5093		NT	72		W371	HIP	21-Dec-2010		N		N		4 N
5094		WG	62		W411	KNEE	21-Dec-2010		N		N		3 N
5095		NT	67		W401	KNEE	21-Dec-2010		N		N		2 N
5096		WG	76		W371	HIP	22-Dec-2010		N		N		7 N
5097		WG	67		W401	KNEE	22-Dec-2010		N		N		2 N
5098		WG	36		W381	HIP	23-Dec-2010		N		N		1 N
5099		NT	53		W381	HIP	23-Dec-2010		N		N		1 N
5100		NT	69		W371	HIP	23-Dec-2010		N		N		5 N
5101		WG	65		W401	KNEE	23-Dec-2010		N		N		3 N
5102		WG	73		W401	KNEE	23-Dec-2010		N		N		3 N
5103		HX	66		W401	KNEE	23-Dec-2010		N		N		4 N
5104		NT	36		W391	HIP	29-Dec-2010		N		N		2 N

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE
5093	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
5094	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5095	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N
5096	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5099	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5100	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5101	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
5102	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	Y
5103	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N
5104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

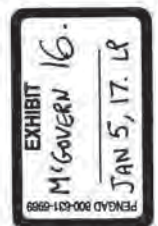
	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR	AS	AT	AU	AV	AW
5093	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	0	1	N	E669
5094	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5095	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5096	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5097	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5098	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5099	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5100	N	N	N	N	Y	N	N	N	N	N	N	N	N	N	#NULL!	0	N	
5101	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	#NULL!	0	N	
5102	N	N	N	N	N	Y	N	N	N	N	N	N	N	N	#NULL!	0	N	
5103	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	E669
5104	N	N	N	N	N	N	N	N	N	N	N	N	N	N	#NULL!	0	N	

	AX	AY	AZ	BA	BB	BC	BD	BE
5093	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
5094	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
5095	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
5096	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					
5097	0	HB21C	Major Knee Procedures for non Trauma Category 2 without CC					
5098	0	HB11B	Major Hip Procedures for non Trauma Category 2 with CC					
5099	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
5100	0	HB12B	Major Hip Procedures for non Trauma Category 1 with CC					
5101	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
5102	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
5103	0	HB21B	Major Knee Procedures for non Trauma Category 2 with CC					
5104	0	HB12C	Major Hip Procedures for non Trauma Category 1 without CC					

	BF	BG	BH
5093	N		
5094	N		
5095	N		
5096	N		
5097	N		
5098	N		
5099	N		
5100	N		
5101	N		
5102	N		
5103	N		
5104	N		

EXHIBIT DX15

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	WG	72	W371	HIP	30-Oct-2007 0	0	0	0	0	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	WG	69	W371	HIP	15-Jan-2008 0	0	0	0	0	90	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	WG	68	W401	KNEE	03-Mar-2008 0	0	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	WG	74	W371	HIP	30-May-2008 0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	WG	83	W401	KNEE	18-Jun-2008 0	0	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	WG	63	W381	HIP	01-Jul-2008 0	0	0	0	0	59	1	0	0	0	0	0	0	0	1	0	0	0	0	0
7	WG	65	W401	KNEE	07-Aug-2008 0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	WG	64	W371	HIP	12-Aug-2008 0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	WG	71	W371	HIP	13-Aug-2008 0	0	0	0	0	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0
10	WG	74	W371	HIP	30-Sep-2008 0	0	0	0	0	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	WG	68	W401	KNEE	04-Nov-2008 0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	WG	63	W371	HIP	07-Nov-2008 0	0	0	0	0	00	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	WG	56	W371	HIP	18-Nov-2008 0	0	0	0	0	24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
14	WG	48	W371	HIP	09-Dec-2008 0	0	0	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	WG	72	W371	HIP	02-Jan-2009 0	0	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	WG	78	W371	HIP	09-Mar-2009 0	0	0	0	0	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WG	87	W401	KNEE	10-Mar-2009 0	0	0	0	0	100	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	WG	71	W371	HIP	22-Apr-2009 0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	WG	77	W411	KNEE	04-Aug-2009 0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	WG	73	W401	KNEE	09-Sep-2009 0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	WG	69	W401	KNEE	28-Sep-2009 0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	WG	62	W371	HIP	06-Oct-2009 0	0	0	0	0	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	WG	69	W371	HIP	06-Oct-2009 0	0	0	0	0	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	WG	79	W371	HIP	20-Oct-2009 0	0	0	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	WG	63	W371	HIP	03-Nov-2009 0	0	0	0	0	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	WG	66	W371	HIP	19-Nov-2009 0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	WG	55	W401	KNEE	16-Dec-2009 0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	WG	39	W401	KNEE	13-Jan-2010 0	0	0	0	0	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	WG	78	W371	HIP	18-Jan-2010 0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	WG	57	W401	KNEE	26-Jan-2010 0	0	0	0	0	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
31	WG	65	W371	HIP	01-Feb-2010 0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	WG	76	W371	HIP	09-Feb-2010 0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	WG	47	W371	HIP	18-Feb-2010 0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	WG	76	W371	HIP	18-Feb-2010 0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	WG	52	W371	HIP	19-Feb-2010 0	0	0	0	0	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0
36	WG	66	W371	HIP	23-Feb-2010 0	0	0	0	0	60	1	0	0	0	0	0	0	0	1	0	0	0	0	0
37	WG	79	W401	KNEE	23-Apr-2010 0	0	0	0	0	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0
38	WG	55	W401	KNEE	27-Apr-2010 0	0	0	0	0	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0
39	WG	76	W371	HIP	30-Apr-2010 0	0	0	1	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	WG	72	W401	KNEE	17-May-2010 0	0	0	0	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	WG	64	W401	KNEE	24-May-2010 0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	WG	53	W371	HIP	25-May-2010 0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WG	63	W401	KNEE	01-Sep-2010 0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	WG	76	W371	HIP	15-Sep-2010 0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	WG	65	W371	HIP	18-Oct-2010 0	0	0	0	0	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0
46	WG	83	W371	HIP	22-Nov-2010 0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW
1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1.0	0	0	0	0
2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	1.0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18	1.0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	10	1.0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	33	0.0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.0	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
9	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	3	0.0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0.0	0	0	0	0
11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0.0	0	0	0	0
13	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	0.0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	36	0.0	0	0	0	0
18	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	43	0.0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
20	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
21	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
22	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0.0	0	0	0	0
23	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.0	0	0	0	0
24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	24	0.0	0	0	0	0
25	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0.0	0	0	0	0
29	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	25	0.0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	0	0
31	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	0.0	0	0	0	0
32	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0.0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0.0	0	0	0	0
34	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0.0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	0.0	1	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0.0	0	0	0	0
37	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0.0	1	0	0	0
38	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	17	0.0	1	0	0	0
39	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
41	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.0	1	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0.0	1	0	0	0
43	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	1	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.0	1	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	0.0	0	0	0	0
46	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0

	AX	AY	AZ	BA	BB	BC
1		Enterococcus Spp		Intestinal	Gram-Positive Bacteria	FAW
2		Staph. Aureus & Enterococcus		Skin Carried	S. aureus	FAW
3		Coag Neg Staph / Staph Aureus		Skin Carried	S. aureus & CoNS	FAW
4		Staph Aureus		Skin Carried	S. aureus	FAW
5		Staph. Aureus		Skin Carried	S. aureus	FAW
6		Staph Aureus - MSSA		Skin Carried	S. aureus	FAW
7		Staph. Aureus/ MSSA		Skin Carried	S. aureus	FAW
8		Staph. Aureus		Skin Carried	S. aureus	FAW
9		Staph. Aureus		Skin Carried	S. aureus	FAW
10		Staph. Aureus		Skin Carried	S. aureus	FAW
11		Staph. Aureus /MSSA		Skin Carried	S. aureus	FAW
12		Coag. Neg Staph		Skin Carried	CoNS	FAW
13		Enterobacter Cloacae		Intestinal	Gram-Negative Bacteria	FAW
14		1 Pasturella Multocida - classed as gram -ve bacteria		Intestinal	Gram-Negative Bacteria	FAW
15		Coag neg Staph.		Skin Carried	CoNS	FAW
16		Staphlococci, Diptheroid & Strep B		Skin Carried	S. aureus	FAW
17		Coag Neg Staph & Staph. Epidermidis		Skin Carried	CoNS	FAW
18	Reconstruction Procedures Category 3 with CC	Staph. Aureus		Skin Carried	S. aureus	FAW
19	Major Knee Procedures for Non Trauma Category 2 without CC	Klebsiella Oxytoca		Skin Carried	Other	FAW
20	Major Knee Procedures for Non Trauma Category 2 with CC	Staph. Aureus		Skin Carried	S. aureus	FAW
21	Major Knee Procedures for Non Trauma Category 2 with CC	Staph. Aureus		Skin Carried	S. aureus	FAW
22	Major Hip Procedures for Non Trauma Category 1 with CC	Coliforms		Intestinal	Gram-Negative Bacteria	FAW
23	Major Hip Procedures for Non Trauma Category 1 with CC	Staph. Epidermidis & Staph. Hominis - both coag neg staph		Skin Carried	CoNS	FAW
24	Major Hip Procedures for Non Trauma Category 1 with CC	Staph. Epidermidis & Staph. lugdunensis		Skin Carried	CoNS	FAW
25	Major Hip Procedures for Non Trauma Category 1 with CC	Staph. Epidermidis & Antratus		Skin Carried	CoNS	FAW
26	Major Hip Procedures for Non Trauma Category 2 without CC	Staph. Epidermidis		Skin Carried	CoNS	FAW
27	Major Knee Procedures for Non Trauma Category 2 without CC	Staph. Aureus		Skin Carried	S. aureus	FAW
28	Major Knee Procedures for Non Trauma Category 2 with CC	1 E. coli, Prevotella Oris Fusi bacterium nuclearism		Intestinal	Gram-Negative Bacteria	FAW
29	Major Knee Procedures for Non Trauma Category 1 with CC	E. Coli		Intestinal	Gram-Negative Bacteria	FAW
30	Major Knee Procedures for Non Trauma Category 2 with CC	Staph Epidermidis		Skin Carried	CoNS	FAW
31	Major Hip Procedures for Non Trauma Category 1 with CC	MRSA, Staph. Epidermidis & Corney bacterium		Skin Carried	S. aureus & CoNS	FAW
32	Reconstruction Procedures Category 2	Staph. Aureus		Skin Carried	S. aureus	FAW
33	Major Hip Procedures for Non Trauma Category 1 with CC	1 Staph. Epidermidis * MSSA		Skin Carried	S. aureus & CoNS	FAW
34	Major Hip Procedures for Non Trauma Category 1 with CC	Klebsiella pneumoniae & Staph. Epidermidis		Skin Carried	CoNS	FAW
35	Major Hip Procedures for Non Trauma Category 1 with Major CC	Staph. Epidermidis		Skin Carried	CoNS	FAW
36	Major Hip Procedures for Non Trauma Category 1 without CC	E.Coli, Enterococcus Faecalis, Enterobacter Clocae		Intestinal	Gram-Negative Bacteria	FAW
37		Staph. Epidermidis		Skin Carried	CoNS	FAW
38		Staph. Aureus		Skin Carried	S. aureus	Transition
39		Staph. Aureus & Staph. Epidermidis		Skin Carried	S. aureus & CoNS	Transition
40		Staph. Epidermidis		Skin Carried	CoNS	Transition
41		Enterobacter Clocae		Intestinal	Gram-Negative Bacteria	Transition
42		Staph. Epidermidis & Faecalis		Skin Carried	CoNS	Transition
43	Reconstruction Procedures Category 1	E. Coli		Intestinal	Gram-Negative Bacteria	Transition
44	Major Hip Procedures for Non Trauma Category 1 with CC	Corynebacterium Striatum		Skin Carried	Other	CFW
45	Major Hip Procedures for Non Trauma Category 1 without CC	Staph. Epidermidis		Skin Carried	CoNS	FAW
46	Major Hip Procedures for Non Trauma Category 1 with CC	Staph. Auricularis & Staph. Capitis (both coag neg staph). Strp. Mi Skin Carried		Skin Carried	CoNS	CFW
		Staph. Epidermidis, Enterococcus Anaerobe		Skin Carried	CoNS	CFW

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ
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EXHIBIT DX16

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

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IN THE UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA

- - - - -

IN THE MATTER OF)
)
IN RE BAIR HUGGER FORCED AIR)
WARMING)
PRODUCTS LIABILITY LITIGATION)
)
Plaintiff,)
)
v.)
)
3M COMPANY AND ARIZANT)
HEALTHCARE INC.)
Defendant.)

)PRETRIAL ORDER NO: 7
)Protective Order
)MDL No. 15-2666
) (JNE/FLN)
)

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DEPOSITION OF PAUL MCGOVERN
VOLUME II
Thursday, January 5, 2017
AT: FAEGRE BAKER DANIELS LLP
Taken at:
7 Pilgrim Street
London EC4V 6LB
United Kingdom

Court Reporter:
Louise Pepper: Accredited Real-time Reporter
Videographer: Simon Addinsell

JOB NO. 117121

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DR. PAUL MCGOVERN

MR. C. GORDON: What was the last number you had?

MR. SACCHET: Yes, cell number 44.

MR. C. GORDON: 44?

MR. SACCHET: Yes.

THE WITNESS: Row number.

MR. SACCHET: Oh, I apologize. 44C, labeled "FAW".

MR. C. GORDON: From September 15?

BY MR. SACCHET:

Q. Labeled "FAW". If we could now look at the cells 43, 45 and 46, what is their label in the BC column?

A. "CFW".

Q. How many total CFW infections is that?

A. 3.

Q. So there are 32 forced-air warming infections and 3 conductive fabric warming infections; correct?

A. Yes.

Q. If we turn back to the McGovern study, exhibit 13, and look back to table 2.

A. Yes.

Q. Are there three conductive fabric warming related infections?

A. Indeed there are.

Q. Are there 32 forced-air warming related infections?

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DR. PAUL MCGOVERN

A. Yes.

Q. Does the data presented in this Excel spreadsheet match the data presented in the published study?

A. The data we've discussed matches the data in the published study.

Q. Now let's look at the significance of the data.

Table 2 shows a P value of 0.024 with respect to patient warming device; correct?

A. Yes.

Q. A P value of 0.024 is statistically significant, is it not?

A. Yes.

Q. That would indicate that there was a sufficiently powered difference between infection rates in patients who received conductive fabric warming devices versus those who received forced-air warming devices; correct?

A. That is what this analysis would suggest, yes.

Q. Table 2 also bears the number 3.8 under "Odds ratio"; do you see that?

A. Yes, yes.

Q. What does that number signify?

A. I am not happy to define that at the moment, because I may make a mistake.

Q. Does it relate to, on the first page of the study,

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DR. PAUL MCGOVERN

in the line that I previously read, which is in bold in the third paragraph, where it states "A significant increase in deep joint infections as demonstrated by an elevated infection odds ratio of 3.8 was identified during a period when forced-air warming was used compared to a period when conductive fabric warming was used"?

A. That is what this refers to.

Q. So there was a 3.8 times more likely rate that a patient would incur a deep joint infection with the use of a forced-air warming device than with a conductive fabric warming device; correct?

A. That is what I understand from these data and from this analysis.

Q. Do you recall Mr. Reed informing you that "The data was dramatic and will demonstrate to reviewers that there was a genuine change with conductive fabric warming rather than a steady decline due to other reasons"?

A. I don't recall him saying that.

(Exhibit 17 marked for identification)

Q. If I could direct your attention to page 2 of 3. There is an e-mail dated February 19, 2011, from Mike Reed to Mr. Albrecht and yourself and Mr. Belani and Mr. Nachtsheim; correct?

A. Yes.

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DR. PAUL MCGOVERN

Q. The final two lines of the large paragraph in the middle of the page states:

"It is quite dramatic and will demonstrate to reviewers that there was a genuine change with CFW rather than a steady decline due to other reasons."

Do you see that?

A. That is what it says here, yes.

Q. Does that refresh your recollection that Mr. Reed stated that the data showed a genuine change with conductive fabric warming, rather than a steady decline due to other reasons?

A. It does refresh my memory to that effect.

Q. Do you have any reason to doubt Mr. Reed's ability to make such a statement?

A. I do not.

Q. You have all the confidence that you could that Mr. Reed would accurately state such a statement?

A. Yes.

Q. Do you recall the reviewers from the Journal of Bone and Joint Surgery stating that there were -- that the data in your study supported serious issues with forced-air warming devices?

A. I don't recall their comments to that effect.

(Exhibit 18 marked for identification)

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1 DR. PAUL MCGOVERN
 2 patient cohorts may be similar, but I don't have enough
 3 evidence to draw a parallel, because the data have not been
 4 analyzed together and not been presented together.
 5 BY MR. C. GORDON:
 6 Q. Putting aside whatever was recorded in exhibit 21,
 7 based on your published paper --
 8 A. Yes.
 9 Q. -- the rivaroxaban period coincides with 18
 10 infections; right?
 11 A. During --
 12 MR. SACCHET: Objection to form.
 13 A. During the rivaroxaban period, if it's stated that
 14 ... right, where is the rivaroxaban? Right, August 2009 to
 15 February 2010, 18. That's stated as the rivaroxaban period,
 16 and this reverted to tinzaparin from day one,
 17 postoperatively, in February. And in that period mentioned
 18 in the paper, there were 18 infections recorded for that
 19 study, yes.
 20 BY MR. C. GORDON:
 21 Q. Okay. Now on your exhibit 16, if you turn to the
 22 third page in, toward the bottom it looks like there are six
 23 infections listed there, and under "BC" it says
 24 "Transition". Do you see that?
 25 A. Yes, yes.

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1 DR. PAUL MCGOVERN
 2 Bair Hugger or the Hotdog?
 3 MR. SACCHET: Objection to form.
 4 A. So you're asking if it was documented, or if it was
 5 recorded anywhere, if those patients were using Bair Huggers
 6 or -- had Bair Huggers or HotDogs used for their procedures,
 7 and if that data was available, and if that data was or
 8 could have been put in the paper? Is that what you're
 9 saying?
 10 BY MR. C. GORDON
 11 Q. Right.
 12 A. Right. Well, I don't know what happened; I did not
 13 collate this data. But to my knowledge it's not, or wasn't,
 14 routine practice to record the technology of warming used
 15 during a procedure. That would not be standard practice,
 16 and because this was a retrospective study, it was not known
 17 at the time of the procedures that this data would be
 18 looked at.
 19 Q. So whether all six of those were Bair Hugger, all
 20 six were Hotdog, or some combination thereof, you just don't
 21 know?
 22 A. And that's why they're marked clearly as
 23 a transitional period, because it's not clear whether they
 24 are Hotdog or Bair Hugger procedures.
 25 Q. Okay. Line 44, you indicated was a procedure that

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1 DR. PAUL MCGOVERN
 2 Q. So those would have occurred during the period when
 3 you were transitioning from Bair Hugger to Hotdog; right?
 4 A. Yes.
 5 Q. Is it possible that any of those transition
 6 procedures were done with a Hotdog?
 7 MR. SACCHET: Objection: foundation.
 8 A. I do not know.
 9 BY MR. C. GORDON:
 10 Q. Would that data have been available to you when you
 11 wrote the paper?
 12 MR. SACCHET: Objection to form: foundation.
 13 A. I do not know.
 14 BY MR. C. GORDON:
 15 Q. Okay. Is there any reason why you decided not to
 16 try and figure out whether those six infections were
 17 involving Hotdog patients or Bair Hugger patients?
 18 MR. SACCHET: Objection: foundation,
 19 argumentative.
 20 A. Could you repeat the question, please?
 21 BY MR. C. GORDON:
 22 Q. Well I guess I missed a step here. Did you do
 23 anything, when you were writing the paper, to try and see if
 24 the infections that arose during the transition period
 25 occurred in patients who had been warmed with the

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1 DR. PAUL MCGOVERN
 2 involved the Bair Hugger; is that right?
 3 A. Yes.
 4 MR. SACCHET: Objection to form, foundation.
 5 BY MR. C. GORDON:
 6 Q. And if we go back to the front page of exhibit 16,
 7 it looks like number 44 occurred on September 15, 2010; is
 8 that right?
 9 A. One, two, three; one, two, three. Yes.
 10 Q. Why was there a procedure using Bair Hugger in
 11 September 2010?
 12 MR. SACCHET: Objection: foundation.
 13 A. I don't know.
 14 BY MR. C. GORDON:
 15 Q. Right, and you didn't report that anywhere in your
 16 paper, did you?
 17 A. Not to my knowledge.
 18 Q. In fact, if you look at exhibit 13 on internal
 19 page 1343.
 20 A. Exhibit 13, what page?
 21 Q. 1543; I'm sorry. Bad eyes. Figure 7, which we
 22 talked about a little bit yesterday.
 23 A. Right.
 24 Q. At the top of Figure 7, those little circles, those
 25 are representations of when infections occurred; right?

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1 DR. PAUL MCGOVERN
2 A. Right.
3 Q. Where is the infection that's on your exhibit 16,
4 as identified as number 44, where would one find that on
5 that Figure 7?
6 MR. SACCHET: Objection: foundation.
7 A. Sorry, repeat that, please?
8 BY MR. C. GORDON:
9 Q. Figure 7, at the top, shows circles reflecting
10 infections along the time axis on the bottom.
11 A. Yes, yes.
12 Q. And you've indicated that number 44, a September 15
13 2010 procedure, used a Bair Hugger and resulted in an
14 infection. And I'm wondering where that particular one
15 would be reflected on that timeline?
16 A. That would be reflected --
17 MR. SACCHET: Objection to form.
18 A. -- in -- well, it would be reflected in that
19 timeline in September 2010.
20 BY MR. C. GORDON:
21 Q. Okay. Well, looking at the Figure 7, how many
22 total infections are reflected in the conductive fabric
23 period from July 2010 to January 2011?
24 MR. SACCHET: Objection to form.
25 A. On Figure 7?

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1 DR. PAUL MCGOVERN
2 determine which of the transition procedures involved
3 Bair Hugger versus Hotdog, how are you able to tell that the
4 September 15 procedure, which was after you had transitioned
5 to Hotdog, for some reason used a Bair Hugger?
6 A. I don't know.
7 MR. SACCHET: Objection to form, foundation,
8 assumes facts not in evidence.
9 A. I don't know how you would.
10 BY MR. C. GORDON:
11 Q. I didn't write down the exhibit number, but it's
12 your -- it was marked as the write-up of the microbiology
13 study earlier on.
14 A. Oh, yeah.
15 MS. ZIMMERMAN: Oh, I'm sorry. Exhibit 6 was
16 tab 24.
17 MR. C. GORDON: Exhibit 6?
18 MR. SACCHET: It looks similar, probably. Is that
19 the one that the --
20 MR. C. GORDON: That's your copy.
21 MR. SACCHET: Okay, yeah.
22 MR. C. GORDON: That's the only other one I need
23 to know.
24 MR. SACCHET: The date is June 30, 2010. I don't
25 know the text. Can I see? Okay. It's going to take me

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1 DR. PAUL MCGOVERN
2 Q. Yes.
3 A. Well, I can see three, maybe four, marks. It's not
4 clear from the copy.
5 Q. Okay. Well, you report three, right, in the text?
6 A. Right, yeah.
7 MR. SACCHET: Objection to form.
8 BY MR. C. GORDON:
9 Q. And the dates of the three on exhibit 16 would be
10 September 1, October 18, and November 22 of 2010; right?
11 A. October -- well, September 1, September 15 and
12 November 22, yes.
13 Q. So what I'm trying to understand is, if there are
14 three dots in that -- in the conductive fabric box, what
15 happened to the September 15, 2010, forced-air warming?
16 MR. SACCHET: Objection: misstates the testimony.
17 And form.
18 A. It depends if the data was jittered. This doesn't
19 say -- oh no, it does say the data were jittered to avoid
20 overprinting. It is not apparent to me if the 15th and the
21 1st September data points on this graph, due to the low
22 resolution of the graph, are overlaid on each other, or if
23 that data point is not there. I can't tell.
24 BY MR. C. GORDON:
25 Q. If you didn't have information available to

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1 DR. PAUL MCGOVERN
2 a moment to find.
3 BY MR. C. GORDON:
4 Q. If you look at exhibit 6 now, switch gears. What
5 was this?
6 MR. SACCHET: I think that's 2.
7 MR. C. GORDON: Okay. Have you got 6?
8 A. It's here somewhere. Six.
9 Q. If you'd turn to the second page, comment PS3: "Is
10 there any info about the sensitivity of the device, i.e." --
11 A. Exhibit 6 doesn't have --
12 MR. SACCHET: This isn't actually -- is this the
13 comment draft one?
14 MR. C. GORDON: Yes, the comment one.
15 MR. SACCHET: That's not --
16 MR. C. GORDON: Sorry. You know what, without
17 looking at the documents, I think I can just tee this up.
18 BY MR. C. GORDON:
19 Q. You remember being asked questions about the
20 Handilaz capability of measuring only 0.3, 0.5, and
21 5 microns?
22 A. Yes.
23 Q. And your colleague -- one of your colleagues had
24 raised a question about the sensitivity of the device;
25 right?

EXHIBIT DX17

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

From: mark albrecht
To: Reed Mike (NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST - NE29 8NH)
CC: Scott Augustine MD ;Brent Augustine ;Andreas Deibel
Sent: 5/27/2012 7:44:37 PM
Subject: Re: Further infection data



Hi Mike,

Actually, I've always "cut" the transition period out of the data and do not include that portion of data in the analysis. If I should be doing something different, let me know.

In regards to feb 1st 2010, there really isn't enough data after that time period where FAW is in use to do an analysis. Really, you have 1 month of data in the FAW group before you hit the "transition period," which is march 1st 2010. Unfortunately, I won't be able to get anything useful for an analysis with such a short time period and small data set for the FAW group. This is unless the "transition" period really wasn't really a transition period where both FAW and CFW were in concurrent use. If the transition period was FAW only, we might get something useful then because there might be enough cases in the FAW group to run an analysis. This, however, would conflict with the way we presented the data in the brJBJS article.

Please advise regarding the "transition" period and I can finish up the analysis then.

-mark

On Sun, May 27, 2012 at 5:26 AM, Reed Mike (NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST - NE29 8NH) <mike.reed@nhs.net> wrote:
 Great. Thank you.

We have always included the transition in the FAW group (I think) as FAW was being used right up to the point I took it away and we put more CFW kit in. The issue about 1 feb 10 is that there were no sig practice changes after that so we can attribute all of that to warming method. Does that make sense?

The FAW fact article tried to argue it was the other changes which had an effect. They could have some effect (and we said this in our paper). This could put that to bed, or help at least.

Mike

From: mark albrecht <albre116@gmail.com>
Date: Sun, 27 May 2012 00:34:29 +0100
To: Mike Reed <mike.reed@nhs.net>
Cc: Scott Augustine MD <saugustine@augbiomed.com>, Brent Augustine <baugustine@hoitdog-usa.com>, Andreas Deibel <adelbel@augbiomed.com>
Subject: Re: Further infection data

Well,

the initial data is looking real good for FAW versus CFW. I've attached the first summary plot (this plot and others will be included in a formal report). Thought you might like a sneak peak at the data.... these differences are highly significant.

Say, I do have a quick question, Mike, that you can answer. You wanted to "examine whether the difference is significant comparing 1 Feb 10- 1st June 2010." However, That period was over the "transition" where both FAW and CFW were in use. Could you please re-check those dates for me? That is such a short time-window... I'm wondering if you made a mistake in those dates??? I'll cross-reference the publication too to confirm those dates.

thanks
-Mark

On Sat, May 26, 2012 at 12:50 AM, Reed Mike (NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST - NE29 8NH) <mike.reed@nhs.net> wrote:
Great news. Thank you very much indeed. Mike

From: mark albrecht <albre116@gmail.com>
Date: Fri, 25 May 2012 22:05:54 +0100
To: Scott Augustine MD <saugustine@augbiomed.com>
Cc: Brent Augustine <baugustine@hotdog-usa.com>, Mike Reed <mike.reed@nhs.net>, Andreas Deibel <adeibel@augbiomed.com>
Subject: Re: Further infection data

Ok,

I'll get on it. I'm happy to track time. I think it will take between 4 to 8 hours, depending upon data file inconsistencies and what figures make sense.

-mark

On Fri, May 25, 2012 at 3:59 PM, Scott Augustine MD <saugustine@augbiomed.com> wrote:

Hi Mark,

It doesn't look like very complicated data so I would hope that the full day estimate may be a bit generous and if it doesn't take that long we pay for the actual time spent. Let's go ahead and do some stats on this for Mike so that it can be put into letter to the editor form.

Thanks,
Scott

On 5/24/12 3:10 PM, "mark albrecht" <albre116@gmail.com> wrote:

Hi Scott,

My billable for the analysis and figure generation would be 8 hours @ \$150 an hour (so project total of \$1200). If you want to have me update the "letter to the editor" that would be a couple of additional hours that are not quoted here. Let me know if you are interested. I would have time to do the analysis over the weekend and into the first part of next week.

Best regards,
-Mark

-Mark

On Wed, May 23, 2012 at 5:30 PM, Scott Augustine MD <saugustine@augbiomed.com> wrote;

----- Forwarded Message

From: "Reed Mike (NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST - NE29 8NH)" <mike.reed@nhs.net>

Date: Sat, 19 May 2012 07:20:49 +0100

To: Mark Albrecht <malbrecht@augbiomed.com>

Cc: Scott Augustine <saugustine@augbiomed.com>

Conversation: Further infection data

Subject: Re: Further infection data

Mark

I wonder if you could help me out with this? I am keen to know what happened since we looked at this last (old file attached in case you don't have it, and new data), and also keen to see if we can examine whether the difference is significant comparing 1 Feb 10- 1st June 2010, and what happened since. This is a consistent period without other changes (DVT prophylaxis, antibiotics etc).

Once we have this I can send the letter to the journal...

Mike

From: Mike Reed <mike.reed@nhs.net>

Date: Tuesday, 29 November 2011 11:25

To: Mark Albrecht <albre116@umn.edu>

Cc: Christopher Nachtsheim <nacht001@umn.edu>

Subject: Re: Hi mike, say the data file you sent me doesn't match the earlier one for overlapping cases...

Mark

Find attached a file that has the dates of diagnosis of infection. The original file I sent for the paper was definitely correct (I checked it multiple times at the time) so just add the ops for new dates from the attached sheet. It was 60 day follow up we used I think, we should stick with that. The question that has been asked by your local team is whether the trend persists and how it effects hips and knees (Ideally need charts and stats).

Your help is much appreciated. I need to get back to them ASAP – but I fully appreciate you have been on it straight away and it is me that has been tardy!

BW

Mike

From: Mark Albrecht <albre116@umn.edu>

Date: Tue, 22 Nov 2011 17:11:26 +0000

To: Mike Reed <mike.reed@nhs.net>

Cc: Christopher Nachtsheim <nacht001@umn.edu>

Subject: Hi mike, say the data file you sent me doesn't match the earlier one for overlapping cases...

Mike,

I've done a quick analysis of the new data and the trend does persist, but the data files are not totally consistent (in regards to the data the brJBS article was based

Albrecht_0003576

upon). I checked the files side-by-side over the common time periods and they do not match up for dates etc.... In fact, in the data file you sent me the infection rate during the forced air warming period was slightly lower than the previous one. Additionally, there is not a date associated with most infections (just a Yes response for about 50% of the infected cases), so clipping at 60 days cannot be done.

So, I'm giving you a graphic for the Wansbeck data, but do not distribute for it "slightly" conflicts with the study data due to different reporting practices in your data. The relevant info supporting the figure is:

Infection ODDS Ratio (FAW,CFW)= 2.98 95%CI (1.36, 6.53)
The p-value for this odds ratio is now=0.0062 (based upon a wald-test)

I'll look at the hip and knee separately next....

Mark Albrecht
albre116@gmail.com
952-261-9903

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Mark Albrecht
albre116@gmail.com
952-261-9903

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EXHIBIT DX18

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK



Return to theatre following total hip and knee replacement, before and after the introduction of rivaroxaban

A RETROSPECTIVE COHORT STUDY

C. D. Jensen,
A. Steval,
P. F. Partington,
M. R. Reed,
S. D. Muller

From Wansbeck
General Hospital,
Northumberland,
United Kingdom

Rivaroxaban has been recommended for routine use as a thromboprophylactic agent in patients undergoing lower-limb arthroplasty. However, trials supporting its use have not fully evaluated the risks of wound complications. This study of 1048 total hip/knee replacements records the rates of return to theatre and infection before and after the change from a low molecular weight heparin (tinzaparin) to rivaroxaban as the agent of chemical thromboprophylaxis in patients undergoing lower-limb arthroplasty. During a period of 13 months, 489 consecutive patients undergoing lower-limb arthroplasty received tinzaparin and the next 559 consecutive patients received rivaroxaban as thromboprophylaxis.

Nine patients in the control (tinzaparin) group (1.8%, 95% confidence interval 0.9 to 3.5) returned to theatre with wound complications within 30 days, compared with 22 patients in the rivaroxaban group (3.94%, 95% confidence interval 2.6 to 5.9). This increase was statistically significant ($p = 0.046$). The proportion of patients who returned to theatre and became infected remained similar ($p = 0.10$).

Our study demonstrates the need for further randomised controlled clinical trials to be conducted to assess the safety and efficacy of rivaroxaban in clinical practice, focusing on the surgical complications as well as the potential prevention of venous thromboembolism.

Rivaroxaban (Xarelto; Bayer Schering Pharma AG, Wuppertal, Germany) is one of the first oral factor Xa inhibitors to be licensed for thromboprophylaxis after total knee and hip replacement surgery. Four large studies conducted by RECORD (The Regulation of Coagulation in Orthopaedic Surgery to Prevent Deep Vein Thrombosis and Pulmonary Embolism) have shown it to be effective in preventing venous thromboembolism compared with enoxaparin (Clexane/Lovenox; Sanofi-Aventis, Frankfurt, Germany).¹⁻⁴ These studies were the sole evidence on which the National Institute of Clinical Excellence (NICE)⁵ based the approval of rivaroxaban for use as chemical thromboprophylaxis following hip and knee joint replacement in England and Wales. Although these studies demonstrated no significant increase in the rates of major bleeding, concerns have been raised about the lack of data on other potential surgical complications.⁶⁻²⁰ Surgical outcomes such as the rate of wound healing, haematoma formation and drainage were either not included or only addressed as secondary safety outcomes by the RECORD trials. These complications have previously been shown to increase rates of wound infection and subsequent return to

theatre.^{12,13} Risk factors for developing a wound complication and/or infection after a total hip (THR) or knee replacement (TKR) include thromboprophylaxis, immunosuppressive therapy, prolonged wound drainage, obesity, diabetes mellitus, hypothyroidism, renal failure and previous open surgical procedures.^{12,13}

Following concerns raised by an author from the RECORD 4 group,¹¹ this study aimed to report the effects of rivaroxaban on wound complications, infections and return to theatre in patients undergoing THR and TKR.

Patients and Methods

Between February 2009 and February 2010, all the patients who underwent a THR or TKR at our hospital and returned to theatre with a wound-related complication within 30 days of their operation were included in the study. The study period of 13 months included six months prior to and seven months following the introduction of rivaroxaban as the agent of choice for chemical thromboprophylaxis.

Group 1 comprised patients who had their primary operation between 1 February 2009 and 31 July 2009 (six months). These patients

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Table I. Demographics and risk factors for wound complications in return to theatre patients in the two groups

	Group 1 (tinzaparin) (n = 9)	Group 2 (rivaroxaban) (n = 22)	Statistical difference between groups 1 and 2
Gender			
M:F	5:4	8:14	0.43 [†]
Operation ratio (TKR:THR)*	1:8	6:16	0.64 [†]
Mean age in years (range)	67 (44 to 81)	64 (39 to 86)	0.93
Body mass index (kg/m ²)(range)	31 (26 to 36)	31 (23 to 41)	1.00 [‡]
Chronic renal failure (%)	5 (55)	7 (30)	0.25 [†]
Diabetes (%)	1 (11)	2 (9)	1.00 [†]
Hypothyroidism (%)	1 (11)	3 (13)	1.00 [†]
Immunosuppressive medication (%)	0 (0)	1 (4)	1.00 [†]
Antithrombotic medication (%)	3 (33)	7 (30)	1.00 [†]

* TKR, total knee replacement; THR, total hip replacement

† Fisher's exact test for categorical data

‡ t-test for continuous data

received tinzaparin (Innohep; LEO Pharma A/S, Ballerup, Denmark) (4500 U subcutaneously, once daily) as thromboprophylaxis from day one post-operatively for 28 days, in accordance with the hospital protocol, which was based on the NICE guidelines.

Group 2 had their primary operation between 1 August 2009 and 28 February 2010 (seven months). They received rivaroxaban (10 mg orally, once daily) as thromboprophylaxis from day one post-operatively in accordance with the new hospital protocol, which reflects the latest guidance from NICE. THRs received prophylaxis for 28 days and TKRs for 14 days.

Patients in both of the groups also wore thromboembolic deterrent stockings for six weeks after surgery, received the same single intravenous dose of prophylactic antibiotics, and were encouraged to mobilise early in the post-operative period. No drains were used at the operation in either group.

Theatre logs from the study period were analysed to identify all patients who had returned to theatre within 30 days of the operation. The hospital case notes were analysed to record demographics and relevant comorbidities that might have contributed as risk factors for delayed wound healing, post-operative bleeding or wound infection (Table I).

Patients were excluded from the return to theatre sub-analysis groups if the indication for this was not related to the wound. In group 1, one patient was excluded because of dislocation. In group 2, one patient was excluded because of wound dehiscence after a fall at home, and two were excluded because of dislocation (Fig. 1).

Return to theatre for a wound-related complication was defined as returning to theatre for open irrigation and debridement of a wound within 30 days of the operation. The indication for surgical management of wound problems remained unchanged during the period of the study and was at the clinical discretion of the nine consultant surgeons involved. Indications for return to theatre included clinical signs of wound infection and/or haematoma and raised inflammatory blood markers (including rising trends in CRP, ESR and white cell count). As this study was not a

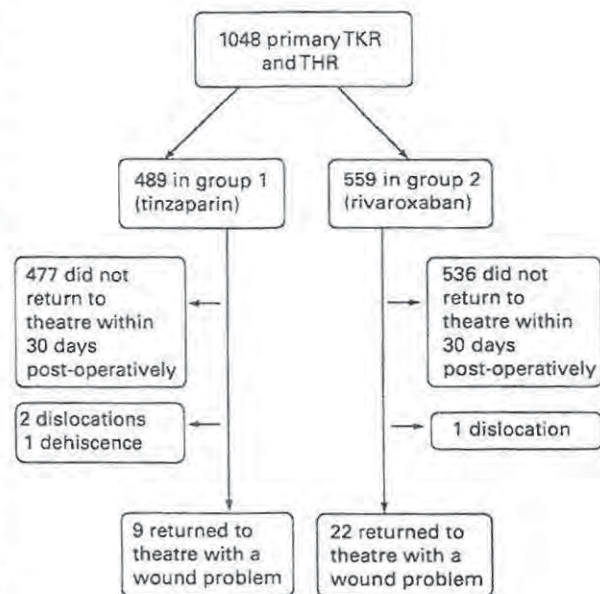


Fig. 1

Study design showing the consort flowchart (TKR, total knee replacement; THR, total hip replacement).

prospective trial, fixed criteria and protocols for indications for return to theatre could not be used. Clinical signs of infection and rising inflammatory markers informed the decisions of the consultant surgeons involved. All the patients who returned to theatre with wound complications had microbiological specimens taken (fluid and tissues) according to departmental protocol. Standard sampling techniques were used, with five samples taken and sterile instruments used for each. The bacterial culture results were retrieved from the hospital laboratory database. The wound was considered deeply infected if the primary samples taken from deep tissues isolated the same organism, after standard and enriched culture.

Statistical analysis. Analysis was on an intention-to-treat basis. All statistical analyses were performed using SPSS version 14.0 (SPSS Inc., Chicago, Illinois). Categorical data were analysed using a 2×2 contingency table with chi-squared and Fisher's exact tests as dictated by sample size. Continuous data were analysed using the Student's *t*-test. The null hypothesis was that there would be no difference in the return to theatre rates between group 1 and group 2. Statistical significance would be reached at a confidence interval (CI) of 95% ($p < 0.05$).

Results

There were a total of 1048 patients in the study: 489 in group 1 and 559 in group 2. There were a similar proportion of THRs and TKRs performed in each group: 195:294 and 249:310, respectively (chi-squared test, $p = 0.13$).

In group 1 (tinzaparin), nine of the 489 patients (1.8%, 95% CI 0.9 to 3.5) returned to theatre with wound complications. In group 2 (rivaroxaban), 22 of 559 patients returned to theatre (3.94%, 95% CI 2.6 to 5.9). This increase was statistically significant ($p = 0.046$). Demographics and comorbidities were similar in the subgroups of return to theatre patients (Table I).

Of those patients who returned to theatre, microbiology results showed that five of the nine (55.5%) in group 1 had a deep infection, compared with 14 of 22 (63.6%) in group 2 ($p = 0.7$). The overall rate of deep infection in group 1 was 1% (95% CI 0.4 to 2.4), compared with 2.5% (95% CI 1.5 to 4.2) in group 2 ($p = 0.102$).

Rates of venous thromboembolism remained similar in both groups. The incidence of symptomatic radiologically confirmed pulmonary embolism was 0.8% (95% CI 0.24 to 2.16) in group 1 and 0.9% (95% CI 0.32 to 2.14) in group 2 ($p = 1.00$).

Analysis of the return to theatre patients (Table II) revealed that there was no statistically significant difference in the mean time from primary operation to return to theatre between groups 1 and 2 (17.22 days (8 to 25) *vs* 16.81 days (6 to 30), $p = 0.89$). Wound haematoma was the stated indication for return to theatre in significantly more cases after rivaroxaban was introduced (0 *vs* 9, $p = 0.032$). The return to theatre patients were more likely to require more than one washout (3 *vs* 9, $p = 1.00$) and a total joint revision (1 *vs* 2, $p = 1.00$) after rivaroxaban was introduced, but neither observation was statistically significant. The analysis of this subgroup based on THRs and TKRs separately is shown in Table III.

The mean length of hospital stay for the primary operation in patients who subsequently returned to theatre in group 1 (tinzaparin) was 6.1 days (2 to 8), and in group 2 (rivaroxaban) was six days (2 to 10). There was no statistically significant difference in the mean total length of stay for those patients who returned to theatre in groups 1 and 2 (21.0 days (10 to 32) *vs* 18.8 days (7 to 79), 95% CI -9.22 to 13.58, $p = 0.70$).

Discussion

Controversy exists over the routine use of chemical thromboprophylaxis in lower-limb arthroplasty. In 2007, 2009 and 2010 NICE published guidelines recommending extended-duration chemical thromboprophylaxis for all patients undergoing lower-limb arthroplasty within the NHS in England and Wales.¹⁴ Subsequent correlation of the National Joint Registry (England and Wales) and the Hospital Episode Statistics¹⁵ data has shown an increased rate of venous thromboembolism in patients undergoing THR despite an increased use of low molecular weight heparin chemical thromboprophylaxis. Additional concern exists regarding an increase in the incidence of complications associated with chemical thromboprophylaxis, such as prolonged wound drainage¹² and thrombocytopenia.^{15,16}

The RECORD trials were deficient in their lack of measurement of surgical outcomes such as wound healing, drainage, infection, range of movement and chronic pain. This led one of the authors of the RECORD4 paper² to later state that he would not recommend it (rivaroxaban) for his patients.¹⁰

Prolonged wound drainage after lower-limb arthroplasty is associated with infection, longer hospital stay, re-operation, and a subsequent increase in the economic burden on the national resources.¹⁷ We could not find any reports focusing on the potential wound complications associated with the use of oral factor Xa inhibitors such as rivaroxaban.

In this study period, patients who received rivaroxaban were more than twice as likely to return to theatre with a wound complication after THR or TKR as those who received tinzaparin (3.94% *vs* 1.8%, $p = 0.046$). In both groups, patients having a THR were more likely to return to theatre compared with those having a TKR (group 1, 8 *vs* 1, $p = 0.004$, and group 2, 16 *vs* 6, chi-squared test, $p = 0.015$) (Table III).

Separating the TKR from the THR patients still shows an increase in the rate of return to theatre after changing from tinzaparin to rivaroxaban as the thromboprophylactic agent. In the TKR patients the rate increased from 0.3% (1 of 294) to 2% (6 of 249) after the change to rivaroxaban. This was statistically significant ($p = 0.05$). In the THR patients the rate increased from 4.1% (8 of 195) to 5.2% (16 of 310), but this did not reach statistical significance ($p = 0.67$) (Table III).

Post-operative wound infection remains a major burden on both the patient and the healthcare provider. Deep infection following arthroplasty is a high-morbidity complication that often requires many surgical debridements, protracted courses of expensive and potentially toxic antibiotics, prolonged hospital stay with immobilisation and isolation, and frequently staged revision procedures.²¹ Our rate of infection increased from 1% to 2.5% following the introduction of rivaroxaban. An infection rate of 1% is similar to that reported in the literature following hip and knee replacement.^{22,23}

Table II. Further analysis of return to theatre (RTT) patients: nine in the tinzaparin group (T1 to 9) and 22 in the rivaroxaban group (R1 to 22)

Patient	Primary operation*	RTT indication	Time to RTT (days)	Infection	Organism	> 1 RTT (washout)	Revision
T1	THR	Wound ooze	20	No		No	No
T2	THR	Wound ooze	8	No		No	No
T3	THR	Wound ooze	11	No		No	No
T4	THR	Wound ooze	15	Yes	<i>S. epidermidis</i> (resistant)	Yes	Yes
T5	THR	Wound ooze	25	Yes	<i>Staph. aureus</i>	Yes	No
T6	THR	Wound ooze	16	Yes	<i>Staph. aureus</i>	Yes	No
T7	TKR	Wound ooze	18	Yes	<i>Staph. aureus</i>	No	No
T8	THR	Wound ooze	22	Yes	Coagulase-negative staphylococcus	Patient refused	No
T9	THR	Wound infection	20	No		No	No
R1	TKR	Wound ooze	29	Yes	<i>Klebsiella sp.</i>	Yes	No
R2	THR	Wound ooze	11	Yes	<i>S. epidermidis</i>	Yes	No
R3	THR	Discharging haematoma	7	No		No	No
R4	TKR	Wound infection	30	No		No	No
R5	THR	Discharging haematoma	10	No		No	No
R6	TKR	Wound ooze	23	Yes	Coliforms	No	No
R7	THR	Discharging haematoma	13	Yes	<i>S. epidermidis</i>	No	No
R8	THR	Wound ooze	16	Yes	<i>S. epidermidis</i>	No	No
R9	THR	Wound ooze	23	No		Yes	No
R10	THR	Discharging haematoma	8	No		Yes	No
R11	THR	Wound ooze	14	No		No	No
R12	THR	Wound ooze	6	No		No	No
R13	TKR	Discharging haematoma	30	Yes	<i>E. coli</i>	Yes	No
R14	TKR	Discharging haematoma	14	Yes	<i>E. coli</i>	No	No
R15	THR	Wound ooze	26	Yes	<i>S. epidermidis</i>	Yes	No
R16	TKR	Discharging haematoma	21	Yes	MRSA†	Yes	No
R17	THR	Wound ooze	30	Yes	<i>Staph. aureus</i>	Yes	Yes
R18	THR	Discharging haematoma	10	Yes	<i>Staph. aureus</i>	No	No
R19	THR	Wound ooze	9	Yes	<i>S. epidermidis</i>	No	No
R20	THR	Wound ooze	14	Yes	<i>S. epidermidis</i>	Yes	Yes
R21	THR	Discharging haematoma	13	Yes	Coliforms	Yes	No
R22	THR	Wound ooze	13	No		No	No

* THR, total hip replacement; TKR, total knee replacement

† MRSA, methicillin-resistant *Staphylococcus aureus*

Table III. Analysis of the rates of infection and return to theatre by the type of arthroplasty

	Tinzaparin		Rivaroxaban	
	THR* (n = 195)	TKR† (n = 294)	THR (n = 310)	TKR (n = 249)
Return to theatre (%)	8 (4.1)	1 (0.3)	16 (5.2)	6 (2.4)
Infection (%)	4 (2.1)	1 (0.3)	9 (2.9)	5 (2.0)

* THR, total hip replacement

† TKR, total knee replacement

Our rate of venous thromboembolism events remained unchanged; however, the study size would be underpowered to detect a difference, and no meaningful statistical analysis could therefore be performed.

On further detailed analysis of the return to theatre cases it was noted that the stated indication for this was a 'wound haematoma' in significantly more cases after rivaroxaban was introduced (0 vs 9, $p = 0.032$).

The mean hospital length of stay for a primary TKR or THR in our hospital at the time of this study was 5.3 days (1 to 79). Patients who subsequently had wound complications and returned to theatre were noted to have a

slightly longer mean length of stay. It may have been that this was because of concerns over their persistently leaking wounds, but data here are lacking. The mean total length of stay in these patients (including the initial stay for the primary procedure as well as the return to theatre hospital stay) was 22 days (7 to 79). There was no statistically significant difference in the mean total length of stay between groups 1 and 2 ($p = 0.70$); however, the observed increase in the number of return to theatre patients in the rivaroxaban group led to an overall increase in the total number of extra hospital days required for this group.

Several cost-effectiveness models have shown oral anti-coagulants, including rivaroxaban, to be more effective and less expensive than enoxaparin sodium;^{24,25} however, these models fail to take into account the risk of prolonged wound drainage, post-operative infection and haematoma, which are known to have high personal, healthcare and socioeconomic costs.

Our hospital was one of the first in the United Kingdom to introduce rivaroxaban as thromboprophylaxis for all THRs and TKRs. In the RECORD trials, enoxaparin was used as the control drug,¹⁻⁴ however, tinzaparin was used as the control drug in this trial, as this was the established Trust protocol. Direct comparison trials in THR have shown enoxaparin to be of equal efficacy and safety to tinzaparin.²⁶

This was a retrospective, non-randomised cohort trial, and therefore cannot causally link the use of rivaroxaban with an increased rate of wound complication; however, the only variable that changed in the study period was the chemical prophylaxis.

The retrospective nature of the study may be considered as a potential weakness, but also a potential strength, as the surgeons' decision was not influenced by an ongoing prospective study. Other weaknesses include a disparate group size and multiple surgeons in the series. The study durations, and hence group sizes for groups 1 and 2 were unequal. Retrospective analysis could not be extended beyond February 2009, as antibiotic prophylaxis changed at this point in a drive to reduce iatrogenic *Clostridium difficile* colitis associated with cephalosporins. Operations in both groups were carried out by the same nine surgeons, including three authors (PFP, MRR, SDM).

Thromboembolism after arthroplasty is considered to be a potentially serious complication. The incidence of venous thromboembolism events in the practice of modern arthroplasty has been challenged;²⁷ however, current NICE guidelines continue to recommend extended chemical prophylaxis.

The risk of venous thromboembolism needs to be balanced against the potential medical and surgical complications of the drug used to prevent it. The RECORD trials do not adequately assess these surgical complications, and focus only on the risk of major bleeding. Our study demonstrates the urgent need for further randomised controlled clinical trials to assess the safety and efficacy of rivaroxaban in clinical practice, focusing on the surgical complications as well as the potential prevention of venous thromboembolism. Based on this study, we have discontinued the use of rivaroxaban in our hospital until robust evidence from independent randomised clinical trials becomes available.

No benefits in any form have been received or will be received from a commercial party related directly or indirectly to the subject of this article.

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EXHIBIT DX19

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

Expert Report of Dr. Michael A. Mont
In re Bair Hugger Forced Air Warming Devices Products Liability Litigation

June 1, 2017

Corey L. Gordon, Esquire
Blackwell Burke P.A.
431 So. 7th St. Suite 2500
Minneapolis, Minnesota 55415

Re: **Bair Hugger Forced Air Warming
Products Liability Litigation**

Bair Hugger
Mont Ex 5
Date: 7-28-17
Richard G. Stirewalt
Stirewalt & Associates

Dear Mr. Gordon:

At your request, I have prepared this summary of the expert opinions on the issue of general causation I plan to offer in the Bair Hugger multidistrict litigation in federal court in Minnesota.

References and reliance materials upon which I base my opinion are listed in Exhibit A, attached hereto. In addition, I rely upon my background, training, experience and research. My CV, including a list of publications, is attached hereto as Exhibit B. I am being compensated at the rate of \$500 per hour for my preparation of this report and testimony. A list of cases in which I have testified as an expert witness is attached hereto as Exhibit C.

MY BACKGROUND

I am an orthopaedic surgeon, board certified by the American Academy of Orthopaedic Surgeons (AAOS). I received my medical degree from the University of Pennsylvania in 1984. From 1984 to 1989, I did a research fellowship, followed by an internship, and then an orthopaedic residency at the Mt. Sinai Medical Center, Department of Orthopaedics, in New York City. From 1989 to 1990, I completed a one-year fellowship in lower extremity joint reconstruction at the Johns Hopkins University Medical Institutions, Department of Orthopaedics

in Baltimore, Maryland. Following this, I stayed on the full-time orthopaedic faculty at Hopkins from 1990 to 2000 as an Assistant and then as an Associate Professor of Orthopaedic Surgery. In 2000, I co-founded the Rubin Institute for Advanced Orthopedics at Sinai Hospital of Baltimore and became the Director of the Center for Joint Preservation and Replacement. I held this position through June of 2017 and had become an Adjunct Associate Professor of Orthopaedic Surgery at Hopkins. As of July 2017, I assumed my present position as Chairman of Orthopaedic Surgery at the Cleveland Clinic, Cleveland, Ohio.

I routinely take care of lower extremity joint arthroplasty patients. I have performed during my professional career over 500 to 700 joint replacement surgeries per year for a total of over 15,000 since 1990. I have typically seen over 6,000 patients per year with approximately half of them being related to knee arthroplasties (although with duties as Chairman this past year my clinical activity has been reduced).

I have been course director of many local, national, and international meetings that deal with hip and knee replacement surgery. Through these meetings, and my training and experience, I know the standard of care for treating patients with multiple medical and surgical issues, including known complications from surgical procedures such as periprosthetic infections (PJIs). This knowledge is garnered not only from my fellow panelists, but also from general orthopaedists in the audience when we go over case reports of patients who have similar issues to the ones presented in this litigation.

I am a member of the American Association of Hip and Knee Surgeons (AAHKS), the Hip Society, the Knee Society, and the International Hip Society. I am on the editorial board of over ten different journals including being the Associate Editor of the *Journal of Arthroplasty*. I have received numerous grants related to knee and hip arthroplasty (greater than 100).

Concerning the topic of lower extremity joint arthroplasty, I have close to 700 peer-reviewed PubMed publications. Many of these are related to the topic of periprosthetic infections.

OPINIONS

The major source of periprosthetic joint infections (PJIs) is the patient's own skin.

It is well-established that the major source of bacteria causing PJIs is the patient's own body, particularly the skin. This is why so many of the preventative efforts in the operating room are directed in this arena. Bacteria exist everywhere on the human body -- in our skin, our gut, etc.-- it is commonly believed that bacteria outnumber the cells in our body by as much as 10 to 1.

A brief discussion about prevention of PJIs is in order to put the above statement into appropriate context as well as to understand a number of points that will be made later on in this report. The factors that can cause PJIs involve the host and the environment. Host factors include, but are not limited to, smoking, alcoholism, uncontrolled diabetes, renal failure, rheumatoid arthritis, history of infections, and malnutrition, among others. Some of these are modifiable or optimizable before surgery and some are not. These host factors can have an enormous impact on the patient's own bacterial bioburden, as well as the patient's ability to resist infection from endogenous bacteria (bacteria that come from the patient). These host factors can also diminish the ability of the patient to avoid infection from exogenous sources of bacteria (external to the patient) as well. As discussed herein, exogenous sources of bacteria are responsible for a small minority of PJIs.

Preoperative strategies to reduce the risk of PJIs include skin cleansing (bacterial decolonization), and prophylactic antibiotics. Intra-operative strategies include hair clipping (not shaving), skin preparation, surgeon and staff preparation, gloving and gowning, draping, antibiotics in the cement, blood conservation, and overall surgical techniques, including copious wound irrigation.

The operating room environment has a multitude of sources of potential contamination. This should be minimized, as much as possible, by not prolonging surgeries unnecessarily to minimize further skin or wound contamination, minimizing operating room traffic, and being careful about contamination of necessary equipment, e.g. suction tips, blades, saws, light handles, etc. Post-operatively antibiotics are often given and appropriate wound aftercare is administered. Patients may need prophylactic antibiotics before certain medical, dental and/or surgical procedures.

I have conducted substantial research concerning the prevention of PJIs with skin preparations, most notably chlorhexidine. We have shown that advance skin preparation can reduce the incidence of PJIs by 60-70 % or greater. The following is a partial list of my publications in this important arena for infection prevention:

1. Chlorhexidine reduces infections in knee arthroplasty. Johnson AJ, Kapadia BH, Daley JA, Molina CB, Mont MA. J Knee Surg. 2013 Jun;26(3):213-8.
2. Economic evaluation of chlorhexidine cloths on healthcare costs due to surgical site infections following total knee arthroplasty. Kapadia BH, Johnson AJ, Issa K, Mont MA. J Arthroplasty. 2013 Aug;28(7):1061-5.
3. Pre-admission cutaneous chlorhexidine preparation reduces surgical site infections in total hip arthroplasty. Kapadia BH, Johnson AJ, Daley JA, Issa K, Mont MA. J Arthroplasty. 2013 Mar;28(3):490-3.
4. Does Preadmission Cutaneous Chlorhexidine Preparation Reduce Surgical Site Infections After Total Knee Arthroplasty? Kapadia BH, Zhou PL, Jauregui JJ, Mont MA. Clin Orthop Relat Res. 2016 Jul;474(7):1592-8.
5. Preoperative skin disinfection methodologies for reducing prosthetic joint infections. Banerjee S, Kapadia BH, Mont MA. J Knee Surg. 2014 Aug;27(4):283-8.
6. Does Preadmission Cutaneous Chlorhexidine Preparation Reduce Surgical Site Infections After Total Hip Arthroplasty? Kapadia BH, Jauregui JJ, Murray DP, Mont MA. Clin Orthop Relat Res. 2016 Jul;474(7):1583-8.
7. Preoperative chlorhexidine preparation and the incidence of surgical site infections after hip arthroplasty. Johnson AJ, Daley JA, Zywiell MG, Delanois RE, Mont MA. J Arthroplasty. 2010 Sep;25(6 Suppl):98-102

8. Patient Compliance with Preoperative Disinfection Protocols for Lower Extremity Total Joint Arthroplasty. Kapadia BH, Cherian JJ, Issa K, Jagannathan S, Daley JA, Mont MA. Surg Technol Int. 2015 May;26:351-4.
9. Advance pre-operative chlorhexidine reduces the incidence of surgical site infections in knee arthroplasty. Zywiell MG, Daley JA, Delanois RE, Naziri Q, Johnson AJ, Mont MA. Int Orthop. 2011 Jul;35(7):1001-6.
10. A Randomized, Clinical Trial of Preadmission Chlorhexidine Skin Preparation for Lower Extremity Total Joint Arthroplasty. Kapadia BH, Elmallah RK, Mont MA. J Arthroplasty. 2016 Dec;31(12):2856-2861
11. Effectiveness of various hospital-based solutions against community- acquired methicillin-resistant Staphylococcus aureus. Perona PJ, Johnson AJ, Perona JP, Issa K, Kapadia BH, Bonutti PM, Mont MA. J Long Term Eff Med Implants. 2013;23(1):23-9.

Therefore, one can already begin to appreciate the importance of skin decontamination in the prevention of PJIs. The majority of PJIs occurring within 1 year of surgery are initiated through the introduction of microorganisms at the time of surgery through the skin. In fact, the most common causative bacterial organisms, Staphylococcal species, are common skin flora.

The impact of ventilation in operating rooms in the control of infections has been the subject of a great deal of research. There was a time when it was commonly thought that airborne contamination of the operating surgical wound was a major source of infection. Thus, strategies were developed to make the air of ORs, especially those used for joint arthroplasties, as clean as possible. This led to such therapies as the use of laminar flow, systems that blow high velocity HEPA-filtered air around the OR table, as well as “space suits” to exhaust air from the surgical staff outside the surgical field. Recent studies have shown these strategies may be ineffective and indeed potentially harmful. In the United States, the current standard for ORs calls for maintaining positive pressure with at least a minimum number of air exchanges per hour. In addition, filtered air enters the OR generally from the ceiling in a downward manner and is exhausted out the sides of the OR. The levels of filtration and the specifics of the HVAC standards are established by ASHRAE, the American Society of Heating, Refrigerating and Air

Conditioning Engineers. It is my understanding that details concerning OR ventilation and filtration, as well as ASHRAE Standards, are being addressed by other experts. For purposes of my opinions from the standpoint of an orthopaedic surgeon, it is clear that: a) airborne transmission of bacteria plays a very minor role in the formation of PJIs; b) use of such strategies as laminar flow and “space suits” have not proven to be effective at reducing PJIs and, in fact, appear to increase the risk of PJIs; and c) the standard ventilation system in the ORs in the U.S. is turbulent, not laminar. Experiments, cited by Plaintiffs’ experts, are inappropriately being used to imply that use of the Bair Hugger disrupts turbulent air flow systems. However, turbulent air systems are not sensitive to airflow disruption in the manner purportedly demonstrated in these experiments involving laminar flow. Therefore, these experiments are irrelevant to the issue of whether the Bair Hugger can cause or increase the risk of PJIs.

A related issue raised by plaintiffs is the number of bacteria necessary to cause a deep periprosthetic joint infection. It is likely that the number of bacteria necessary to inoculate a joint implant sufficient to cause a PJI is less than for a superficial infection, but certainly far more than 1 as has been argued by Plaintiffs’ experts. An important factor is the presence of foreign material (prosthesis) that does not have a blood supply, and the fact that the host may be less able to ward off an infection as well as it can for the skin where there is a blood supply and more host immune mechanisms present. However, despite this, large numbers of bacteria are still needed for an infection. For example, close to 100 colony forming units (CFUs) of *S. aureus* are necessary to establish infection if inoculated at the time of a hip hemiarthroplasty in a rabbit model, compared with 10^4 when no implant is placed. This difference is explained by biofilm formation in the case of the foreign body (Southwood RT, Rice JL, McDonald PJ, Hakendorf PH, Rozenblds MA. 1985. Infection in experimental hip arthroplasties. J. Bone Joint Surg. Br. 67:229–231). To further answer this question, it is important to understand that

bacteria must reproduce in sufficient numbers to overwhelm the host immune response. The metric to describe this is the Infectious Dose or ID₅₀ for that bacteria, which is the number of bacteria required to cause an infection in 50% of exposed hosts. The number of bacteria needed to cause an infection also depends on the host. Patients with normal immune systems are more difficult to infect than immunocompromised patients. The ID₅₀ for most bacterial organisms that cause SSIs and PJIs can range from 10³ and 10⁶, and often greater (millions of cells).

While animal models and biologic plausibility do suggest that the amount of bacteria necessary to cause a PJI is less than that needed to cause an SSI, there are no studies that suggest that the number is as low as 1 or 2 CFUs. The animal model noted above that showed inoculation with 100 CFUs is the lowest number in any animal study. There is no evidence to suggest the idea that fewer CFUs could cause PJIs in humans, and it is likely higher than that.

Particles are not the same as bacteria. Only a small minority of particles carry bacteria and many bacteria may not be viable (alive) when they actually come in contact with the host. Particles, which can be easily measured in real time (as opposed to bacteria, which require sampling and culturing), are commonly used as a surrogate to get a crude “snapshot” of what might be the bioburden in an OR. If particle counts are low, that is an indicator that viable bacterial counts are also low. If particle counts are high, that may suggest that the bacterial burden could also be high, but that is not necessarily the case. Studies have demonstrated that particles are, in general, a poor-to-mediocre surrogate for bacterial measurements.

Plaintiffs’ experts rely on experiments conducted by employees and agents of the maker of a competitive warming device that purport to show that use of the Bair Hugger can increase particle counts. In the absence of any other information, these findings would warrant further investigation to see if the demonstrated increase in particle counts correlates with an increase in bacteria. However, there are now nine published studies that have examined that question and

found no increase in bacteria from Bair Hugger use. In addition, researchers connected to the maker of the competitive warming device tried on at least seven occasions to demonstrate that use of the Bair Hugger increased bacteria. These efforts were also unsuccessful and, importantly, were never published. These same researchers published the results of their experiments showing increases in particle counts - the implication of these particle studies was that the increased particles correlated with increased bacteria, which these researchers already knew was not the case (and failed to disclose). Plaintiffs' experts rely on the assertion that particles are a valid surrogate for bacteria generally (which, as discussed above, is itself an inaccurate proposition) and then make the unsupported assumption that, because a handful of experiments demonstrated that the Bair Hugger could, under certain experimental conditions, increase particle counts, then it must also be increasing bacteria. Plaintiffs' experts make this leap without regard to the weakness in the claim that particles can be a valid surrogate for bacteria in general, and without regard to the 16 consistent studies that demonstrate that the Bair Hugger device, regardless of its impact on particle counts, does not increase the bacterial bioburden. Bacteria cause PJIs, not particles. Plaintiffs' efforts to take the weak and controversial evidence that particles may be used as surrogates for bacteria, combine that with limited experimental evidence that the Bair Hugger may increase particles, and then conclude that the Bair Hugger does in fact increase bacteria, in the face of at least 16 studies to show that it does not, is pure sophistry and does not comport with valid scientific methodology.

The multiple studies that show no increase in bacteria with the Bair Hugger device include 9 published and 7 non-published. The following 7 non-published studies are confirmed by resources connected to Dr. Augustine, the maker of a competitive warming device: 1) an effort by McGovern and Reed to culture bacteria; 2) an effort by Legg to culture bacteria; and 3)

five attempts by Albrecht, working for Augustine, to culture bacteria. None were successful and none were published.

The published studies that have looked for and failed to find an increased bacterial bioburden associated with Bair Hugger include the following:

Hall poster 1991
Zink 1993
Dirkes 1994
Avidan 1997
Tumia 2002
Huang 2003
Moretti 2009
Occhipinti 2013
Oguz 2017

Many things in the operating room impact airflow. It was claimed by Plaintiffs' experts that the Bair Hugger can impact airflow in the operating room. In my opinion, even if this was the case, it would be infinitesimal in comparison to so many other sources of airflow generation in the operating room, which include:

1. Surgeon traffic - he or she is performing the procedure and creating continual air-currents directly at the operative site
2. Surgical assistants - the same can be said for the 1 to 3 assistants helping in any lower extremity arthroplasty procedure
3. Nurse or Surgical techs - handing instruments and other measures to help with the procedure
4. Circulating nurses - handing out instruments, prostheses, etc.
5. Other members of operating room team - anesthesiologists, others that enter room, delivering of blood, etc.
6. Doors opening and shutting creating wind currents
7. Moving of lights and other equipment directly creates waves or currents by individual (surgeon or team), as well as the specific object moving
8. Many pieces of equipment in the OR generate air currents, including those that have cooling fans.

The airflow generated by the Bair Hugger, as it emerges from the multiple perforations in the warming blanket, is very gentle. Moreover, the Bair Hugger is placed such that the air blows directly on the patient, underneath multiple drapes, and any airflow that emerges from under the drapes is so low in velocity that it has no impact on the air currents in an OR. This is especially true when one considers all of the other sources of air movement during surgery.

In summary, any current created by the Bair Hugger would be negligible compared to these other sources, and therefore, should be considered non-existent.

There are many sources of heat generation in the operating room that are far in excess of any heat generated from the Bair Hugger device. For example, 4 people involved in the operating room, as well as being much closer to the operative site than a Forced Air Warmer, generate much more heat than the Forced Air Warmer, and there are many more heat sources closer to the field. Heat from the Forced Air Warmer is further away from the field and would be dissipated by approximately the inverse square ($1/r^2$) of the distance, so once again, it would have negligible to no effect.

The many sources of heat in the operating room of lower extremity joint arthroplasties include:

1. Saw blades on bone - with the bone generating heat
2. Batteries that power the saw blades as they are used
3. Many surgeons use hooded gowns with battery packs (space suits), and air is blown inside these suits
4. General overhead lights in any operating room
5. Focused overhead lights directly at field (usually 2 of them)
6. Ancillary hooded lights that many surgeons wear (and the light generating unit)
7. All personnel in operating room, including:
 - a. Patient

- b. Operating surgeon and direct assistants (often 2 to 4)
 - c. Anesthesiology team-often 2
 - d. Circulating nurses, preparation help, assistants (often 2)
8. Machine to process fluid irrigation fluids - vacuum canisters and more substantial canisters used nowadays that generate much heat
 9. Often other power sources for special blades used in some surgeries (more often revisions) for burring bone, cement, etc - Anspach/Midas Rex devices generate a tremendous amount of heat
 10. Standard electrocautery devices
 11. Ancillary cautery devices - Plasmablate, Aquamantis, Canady, and others
 12. Various ancillary devices in the operating room by anesthesiologist, e.g. defibrillator, computer, their monitor, etc; their anesthesia machine is a source of heat

Finally, the Forced Air Warmer, which is away from the operative field, and has a negligible effect compared to many of the devices or other sources of heat generation mentioned above. See Exhibit D attached hereto.

HEPA filters do not reduce the bacteria that cause surgical site infections. Plaintiffs argue that the Bair Hugger is defective because it fails to use a HEPA filter and, as a result, the Bair Hugger causes more PJIs than if it had a HEPA filter. This opinion is contradicted by both the microbiology and a recent study demonstrating that a HEPA filter does not reduce PJIs.

A HEPA filter, or high efficiency particle arresting filter, is designed to capture 99.97% of particles the size of .3 microns, which is considered the most penetrating particle size, or MPPS. Particles larger and smaller than .3 microns are captured at a higher rate. Bacteria that cause PJIs are actually much larger than .3 microns. An individual bacterium of the kinds that cause PJIs typically ranges from .7 to 1.2 microns, and these bacteria generally travel in clusters (thus increasing their size) and, if traveling by airborne route, generally travel on fomites that are even larger.

Thus, the HEPA's high capture rate of .3 microns particles is not a relevant consideration for bacteria. The question is what is adequate to capture PJI-causing bacteria? ASHRAE standards call for OR ventilation systems to have filters with a MERV rating of 14 for general surgery. A MERV-14 filter is highly efficient at capturing PJI-causing bacteria. Note: the ASHRAE standards are applicable to the ventilation system, not pieces of equipment used in OR, virtually none of which have filters of any kind.

The Bair Hugger, in fact, has a filter that is rated MERV-14, and if the Bair Hugger were a ventilation system, it would meet ASHRAE standards. The fact that it has its own MERV-14 is, in effect, icing on the cake in that it is filtering air that has already been filtered through the hospital's HVAC system. Because the air from the Bair Hugger is so far removed from the surgical site, as discussed above, it is questionable whether it needs a filter at all. Nevertheless, the MERV-14 filter incorporated in the Bair Hugger is far more than adequate to capture PJI-producing bacteria. A recent study conducted by colleagues of mine at the Cleveland Clinic has, in fact, demonstrated that a HEPA filter does not reduce PJIs when incorporated in a forced air device.

At the Cleveland Clinic, approximately 2 years ago, a switch was made from the Bair Hugger device to the Mistral-Air Forced Air Warming System (Stryker, Portage, Michigan). This forced air warming system included a premium HEPA air filtration system. With a hospital system that performs over 4,000 lower extremity joint arthroplasties per year, this afforded a unique opportunity to compare infection rates with both devices. The abstract for the study has been accepted by the MusculoSkeletal Infection Society (MSIS) and will be presented in August of this year at the MSIS annual meeting. A copy of the abstract to be presented at the MSIS meeting is attached hereto as Exhibit E. Because the MSIS requests that abstracts not be publicly disclosed prior to presentation, I have designated this abstract as confidential. This

designation will no longer be necessary after the MSIS meeting ends on August 5. Of note, the study found that there was no statistically significant difference in infection rates between the Bair Hugger with a MERV-14 filter and the Mistral Air with a HEPA filter. I further note that, with respect to PJIs, the study demonstrated that the infection rate was actually lower with the Bair Hugger than with the Mistral Air, 0.47% vs. 0.77%; however, this difference was not statistically significant ($p=0.15$).

Based on the foregoing, it is my opinion that a HEPA filter is not necessary for the Bair Hugger, nor would a HEPA filter on the Bair Hugger have any positive impact on PJI rates. It is my further opinion that the Bair Hugger is not defectively designed as a result of it not having a HEPA filter and that the MERV-14 filter it has is more than adequate for the device. The results show no statistical differences in infection rates between the two devices. The clear finding of this study is that the HEPA system does not influence infection rates.

Odds ratio of 3.8 for an infection using the Bair Hugger device in the McGovern, et al. study is fallacious for multiple reasons. The study by McGovern is cited often in the Plaintiffs' expert reports as proof of the Bair Hugger device leading to increased PJIs (Forced-air warming and ultra-clean ventilation do not mix: an investigation of theatre ventilation, patient warming and joint replacement infection in orthopaedics. J Bone Joint Surg Br. 2011 Nov;93(11):1537-44. McGovern PD, Albrecht, Belani KG, Nachtsheim C, Partington PF, Carluke I, Reed MR).

The reduction in infection rates shown in the McGovern paper can be explained by the Hawthorne effect, regression to the mean, and most importantly by multiple real confounding factors. The "Hawthorne effect," operated because an educational program was introduced to the entire staff in an effort to reduce infection rates. When individuals are simply being observed, they will perform differently — wash hands more often, take more care in what they

do, and engage in other improved forms of “aseptic technique.” These actions will invariably lead to reductions in PJI rates. In addition, the high infection rates during the early part of the study period would also most certainly have experienced a regression to the mean and been reduced. However, what is most important to understand is that there were a multitude of not only hypothetical, but real confounding factors that led to the high reported rates of the Bair Hugger device when compared to the conductive fabric device. During some time periods, infection rates were in fact lower for the Bair Hugger. The following will elaborate on these confounding factors:

- a. When one is using a single factor analysis, any conclusions in any report can easily be biased by multiple confounding factors that clearly exist in this report. A multiple regression analysis of variance should have been used for appropriate scientific evidence, and in my opinion, the authors reached erroneous conclusions about the effects of the Bair Hugger device on PJIs. In a true highest level prospective randomized study, one would compare two groups that were matched for as many relevant variables as possible.
- b. The conductive fabric device was not the only change made at the time that the Bair Hugger was discontinued, but rather multiple other practices had been implemented, any or all of which could have influenced infection rates: more surveillance (hiring of two dedicated SSI nurses), better infection-control techniques, lowering operating room traffic (as mentioned in #1 above), footwear changes, change to more effective antibacterial wound dressings, no shaving of surgical sites (increases infection rates when performed), screening for methicillin-susceptible staphylococcus aureus (MSSA), prewarming, and switch to chlorhexidine wound preps.

- c. A number of infected cases were counted in the Bair Hugger group before the general surveillance methods had been introduced. This obviously favored the conductive fabric group in the analysis.
- d. From testimony, infections may have been placed erroneously in the wrong group — erroneously increasing the infection rate for the Bair Hugger group and decreasing the infection rate for the conductive fabric group.
- e. There was a notable switch in deep venous thrombosis (DVT) prophylaxis during the time periods studied. Some agents can cause increased bleeding — more hematomas occurred in this study, and this can lead to infections. This would have been a major confounding factor in the study and was particularly interesting to me as the primary author of the American guidelines for DVT prophylaxis, as reflected in the following references:

1. Preventing venous thromboembolic disease in patients undergoing elective hip and knee arthroplasty. Mont MA, Jacobs JJ, Boggio LN, Bozic KJ, Della Valle CJ, Goodman SB, Lewis CG, Yates AJ Jr, Watters WC 3rd, Turkelson CM, Wies JL, Donnelly P, Patel N, Sluka P; AAOS. J Am Acad Orthop Surg. 2011 Dec;19(12):768-76.

2. American Academy of Orthopaedic Surgeons clinical practice guideline on: preventing venous thromboembolic disease in patients undergoing elective hip and knee arthroplasty. Jacobs JJ, Mont MA, Bozic KJ, Della Valle CJ, Goodman SB, Lewis CG, Yates AC Jr, Boggio LN, Watters WC 3rd, Turkelson CM, Wies JL, Sluka P, Hitchcock K. J Bone Joint Surg Am. 2012 Apr 18;94(8):746-

3. Preventing venous thromboembolic disease in patients undergoing elective total hip and knee arthroplasty. Members of 2007 and 2011 AAOS Guideline Development Work Groups on PE/VTE Prophylaxis., Mont M, Jacobs J, Lieberman J, Parvizi J, Lachiewicz P, Johanson N, Watters W. J Bone Joint Surg Am. 2012 Apr 18;94(8):673-4.

In the Jensen study on the same patient population, published approximately one year before the McGovern et al. report, the infection rate was found to be higher in the short-lived rivaroxaban period. Although it did not reach statistical significance (5 of 489 patients vs. 14 of 559 patients, 1% vs. 2.5%, $p = 0.102$), it did prompt a switch. Statistics

are unimportant here. The work is underpowered and no hospital would allow 14 infections (almost three times the rate of the other cohort) to not be addressed. Moreover, it is my understanding that Prof. Holford conducted a re-analysis of the Jensen study using the same inclusion and endpoint criteria used in McGovern and demonstrated that there was a statistically significant impact from rivaroxaban. In fact, it was addressed when noted before switching back to the previously used drug, and therefore is a major confounding factor.

- f. Likewise, there was a shift in antibiotic use that certainly could have influenced the infection rates. During a 5 months period of Bair Hugger device use compared to 7 months of conductive fabric use with identical antibiotics and DVT prophylaxis, there were no differences in infection rates.
- g. In addition, another unusual aspect of this study is that there was a significantly greater infection rate for hips when compared to knees – these should be roughly equal. This finding calls into question the infection rates at this institution, and suggests the possibility of an aberrant hospital-wide or surgeon-specific issue with surgical technique in hip arthroplasties. If a single surgeon who performs mostly hip procedures is using sub-par technique, this could explain the unusual ratio with hip to knee infections

In summary, when parallel patient populations were compared, they were not statistically different. This is why for the vast majority of the time period, one is not comparing apples to apples, but rather apples to so many different factors, which makes conclusions about the Bair Hugger device from a single observational study completely erroneous. One could have picked any one of the 20 other factors that were changed and reached the same conclusions about that particular factor.

Warming or hypothermia does in fact decrease SSIs and maintenance of normothermia has multiple beneficial effects. Strong evidence of SSI reduction for active warming was found by Kurz (1996) and Melling (2001). Since these two seminal studies, warming has become the standard of care and it would not be possible to obtain IRB approval to conduct a randomized study comparing warming to no warming. Thus, more recent studies have been conducted in other ways and have examined other endpoints as well as infection. The well-established body of medical literature demonstrates that maintaining normothermia in surgical patients results in many benefits including reduced blood loss, reduced need for blood transfusions, reduced cardiac incidents, reduced anesthesia recovery time and time in PACU, reduced pain and need for pain medication, reduced shivering, increased patient comfort, reduced hospital length of stay, and reduced mortality. Moreover, studies continue to demonstrate the importance of maintaining normothermia as part of an infection prevention strategy. As the rates of infection have gone down due to multiple strategies and improved surgical techniques, the ability to demonstrate a significant impact of normothermia on infection rates is more difficult. Nevertheless, it is well accepted that warming reduces infection rates in all surgical categories including orthopaedics. Warming remains the standard of care and is recommended by all medical standards groups.

As one recent paper has noted:

Maintenance of normothermia in orthopedic surgery has proven to have broad implications from bench top to bedside. Normothermia has been shown to impact everything from nitrogen loss and catabolism after hip fracture to infection rates after elective arthroplasty.

Allen & Jacofsky, Normothermia in Arthroplasty, the Journal of Arthroplasty (2012).

Sterile vs. aseptic concept of the operating room environment: The operating room is not a sterile hood for microbiological experiments. We are simply trying to effectuate a reduction of bacteria which are ever-present. "Dilution is the solution to pollution." We can't

eliminate every bacteria — the only things sterile are the implants and the instruments — but only briefly. One cannot sterilize skin, particularly the lower layers.

When one preps the patient for a total knee or hip arthroplasty, there is a tremendous amount of draping that occurs that isolates the wound from the rest of the operating room. This applies importantly to the anesthesia team, their equipment, and the proximal end of the body, where the Bair Hugger device sits. This prepping for surgery can be extensively illustrated to show how there can be little to no contamination from objects at the front of the operating room table. See Exhibit F, attached hereto.

There are a myriad of potential sources of bacteria in the OR. Besides the patient and the staff, equipment can become contaminated during surgery (e.g., electrocautery tips, drills, other surgical instruments); even with double-gloving, inadvertent nicks of the surgeon's gloves are common, (and often undetected until after surgery); overhead lights, etc. See Exhibit G, attached hereto. The goal of aseptic techniques is not the elimination of every single bacterium, an impossible task; rather, it is the reduction of bacteria to the greatest extent possible without compromising the efficacy of the surgery. Thus, aseptic practices speak in terms of “log reductions” in bacteria counts, not sterilization. This is an important concept to remember when assessing any theoretical impact that a device such as the Bair Hugger could have on the bacterial burden in the operative field.

Variations in skill of surgeon or surgical technique can markedly influence infection rates. Many surgeons will perform 5 per month vs. 50 to 100. Also, there can be tremendous variations by institution. This can have a major impact on PJI rates.


SUMMARY

It is my opinion that the Bair Hugger is not defectively designed. It is safe and effective at maintaining normothermia, which in turn confers a wide range of benefits on the patient,

including reduction of infection risk. Further, use of the Bair Hugger does not cause PJIs nor does it contribute in any way (let alone in a substantial way) to the risk of developing a PJI.

All of the above opinions are held to a reasonable degree of medical certainty. I reserve the right to supplement this report should I receive any additional information relevant to my opinions.

Sincerely,



Michael A. Mont, M.D.

June 2, 2017

EXHIBIT DX20

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

UNITED STATES DISTRICT COURT
DISTRICT OF MINNESOTA

In Re:

Bair Hugger Forced Air Warming
Products Liability Litigation

This Document Relates To:

All Actions MDL No. 15-2666 (JNE/FLM)

DEPOSITION OF RICHARD P. WENZEL, M.D., MSc.

VOLUME I, PAGES 1 - 370

AUGUST 4, 2017

(The following is the deposition of RICHARD
P. WENZEL, M.D., MSc., taken pursuant to Notice of
Taking Deposition, via videotape, at the Hausfeld law
firm, 1700 K Street Northwest, Suite 650, in the City
of Washington, District of Columbia, commencing at
approximately 9:08 o'clock a.m., August 4, 2017.)

Confidential - Subject to Protective Order

<p style="text-align: right;">Page 258</p> <p>1 from?</p> <p>2 Q. He knows where I'm reading from.</p> <p>3 A. So I think you're referring to the capital</p> <p>4 studies, or what are they called, the RECORD studies,</p> <p>5 I guess. Is that the reference that you're talking</p> <p>6 about, CDC said that?</p> <p>7 Q. They're referring to --</p> <p>8 A. The four large studies?</p> <p>9 Q. Eriksson, Kakkar?</p> <p>10 A. I think they're all part of the RECORD</p> <p>11 studies.</p> <p>12 Q. And do you disagree with the CDC?</p> <p>13 A. Well I think I have to clarify that, because</p> <p>14 Jensen did a study, and he said unfortunately the</p> <p>15 RECORD studies didn't do a very good job looking at</p> <p>16 surgical-site infections, and that's why -- that's</p> <p>17 prompted him to do a study.</p> <p>18 Q. So you disa --</p> <p>19 A. And Bremo --</p> <p>20 Q. You disagree with the CDC.</p> <p>21 A. I think it needs some clarification, in that</p> <p>22 sense.</p> <p>23 Q. So --</p> <p>24 But you disagree with their statement that</p> <p>25 high quality -- high quality --</p>	<p style="text-align: right;">Page 260</p> <p>1 And so it comports with the same finding that Jensen</p> <p>2 said in his study, and the same for Brimmo. They both</p> <p>3 think that --</p> <p>4 Q. What's Dr. Wenzel's opinion? Does -- Is</p> <p>5 there a difference in the risk of surgical-site</p> <p>6 infection between rivaroxaban and enoxaparin?</p> <p>7 MR. COREY GORDON: You're asking about</p> <p>8 enoxaparin, --</p> <p>9 A. Yeah. Not --</p> <p>10 MR. COREY GORDON: -- not tinzaparin.</p> <p>11 A. Yeah.</p> <p>12 Q. I'm asking.</p> <p>13 A. Yeah. I mean, in those studies CDC is</p> <p>14 probably right.</p> <p>15 Q. And you're aware that the CDC put</p> <p>16 enoxaparin, dalteparin, tinzaparin and fondaparinux as</p> <p>17 one category.</p> <p>18 A. I didn't know, but I'm not surprised.</p> <p>19 Q. Because they're all the same pretty much;</p> <p>20 correct?</p> <p>21 A. I think they're --</p> <p>22 MR. COREY GORDON: Object to the form of</p> <p>23 the question.</p> <p>24 A. -- in the same family.</p> <p>25 Q. The same family.</p>
<p style="text-align: right;">Page 259</p> <p>1 A. Yeah.</p> <p>2 Q. -- evidence suggested no difference between</p> <p>3 injectable enoxaparin and oral rivaroxaban and risk of</p> <p>4 SSI.</p> <p>5 Do you agree or disagree with the CDC?</p> <p>6 A. So that's what they found, that's what they</p> <p>7 believe. I was just trying to clarify, and I don't</p> <p>8 necessarily disagree with them, I have a different</p> <p>9 interpretation based on, you know, the studies of</p> <p>10 Jensen and Brimmo.</p> <p>11 Q. What was the number of people in those</p> <p>12 populations in Jensen?</p> <p>13 A. They were -- They were much smaller than the</p> <p>14 thousands in this.</p> <p>15 Q. 12,383.</p> <p>16 A. Yeah.</p> <p>17 Q. Okay.</p> <p>18 A. But -- But again, I just want to point out,</p> <p>19 when Jensen opens up his article he said, look, we</p> <p>20 don't have a good handle on surgical-site infections.</p> <p>21 They focused on bleeding, they focused on which was a</p> <p>22 comparable or a different thromboprophylaxis from the</p> <p>23 point of view of a DVT or a pulmonary embolus. And</p> <p>24 then Borak, when he was asked similar questions, said</p> <p>25 he couldn't even find the definition that they used.</p>	<p style="text-align: right;">Page 261</p> <p>1 Turning to page 73 of your report. Is page</p> <p>2 73 the entire critique, in your report, of Dr. Jarvis?</p> <p>3 A. Did I write anything else; is that what</p> <p>4 you're asking?</p> <p>5 Q. Yes.</p> <p>6 A. I think I don't have anything else in the</p> <p>7 report.</p> <p>8 Q. And would --</p> <p>9 And would you agree with me that the bottom</p> <p>10 of page 73 and 74 is your entire critique of Dr.</p> <p>11 Samet?</p> <p>12 A. Yeah.</p> <p>13 MR. COREY GORDON: Object to the form of</p> <p>14 the question.</p> <p>15 Q. Now you would agree with me, doctor, that</p> <p>16 the majority of the articles that you cite deal more</p> <p>17 with superficial surgical-site infections and not</p> <p>18 periprosthetic joint infections.</p> <p>19 A. Yeah. I haven't counted them up, but many</p> <p>20 of them deal with su -- with the superficial</p> <p>21 infections.</p> <p>22 Q. And even though they're both infections,</p> <p>23 there is some difference in the mechanism of cause.</p> <p>24 A. I'm not sure that's correct. In other</p> <p>25 words, my own concept is the initiation of infection</p>

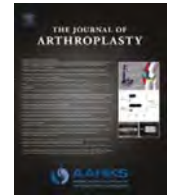
EXHIBIT DX21

TO DECLARATION OF COREY L. GORDON
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TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK



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Complications - Infection

Rivaroxaban Use for Thrombosis Prophylaxis Is Associated With Early Periprosthetic Joint Infection



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ABSTRACT

Background: Periprosthetic joint infection is a disastrous complication after total hip arthroplasty (THA) and total knee arthroplasty (TKA). The use of certain agents to prevent deep vein thrombosis after arthroplasty has been linked to an increased risk of adverse effects including wound drainage and infection. Adverse effects of one alternative, rivaroxaban, was studied in a single community hospital.

Methods: International Classification of Diseases, Clinical Modification 9 codes were used to identify primary THAs and TKAs in an administrative database at one large-volume community hospital performed in 2012. Patients were divided into 2 groups: the study group received rivaroxaban, whereas the control group received another form of chemical thromboprophylaxis for at least 2 weeks postoperative. Demographics, risk factors, and illness severity scores were collected for each group. The primary measured outcome was the incidence of deep surgical site infection (SSI) within 30 days postoperative. **Results:** A total of 639 TKA or THA patients were included, with 159 patients who received rivaroxaban and 480 who received another form of chemical thromboprophylaxis. There were no significant differences between groups regarding demographics, risk factors, or illness severity scores. Incidence of early deep SSI in the rivaroxaban group was higher than in the control group (2.5% vs 0.2%; $P < .015$).

Conclusion: The use of rivaroxaban for thromboprophylaxis led to a significantly increased incidence of deep SSI in a continuous series of patients undergoing primary THA and TKA in a single institution.

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Primary total hip arthroplasty (THA) and total knee arthroplasty (TKA) are relatively safe procedures, with <1% of these procedures complicated postoperatively by periprosthetic joint infection [1,2]. Although its incidence is low, the effects are significant in terms of both morbidity [3] and economic burden [4]. Managing and/or eliminating risk factors that predispose a patient to periprosthetic joint infection is critically important.

The American College of Chest Physicians established national guidelines which recommend routine thromboprophylaxis with anticoagulants after THA and TKA [5]. Rivaroxaban (Xarelto; Bayer Schering Pharma, Berlin, Germany), an orally active direct

factor Xa inhibitor, was recently approved by the Food and Drug Administration for the prevention of venous thromboembolism (VTE) in adults undergoing THA or TKA surgery in the United States [6]. The RECORD (Regulation of Coagulation in Orthopaedic Surgery to Prevent DVT and PE) trials demonstrated rivaroxaban to have superior efficacy compared to enoxaparin (Clexane/Lovenox; Sanofi-Aventis, Frankfurt, Germany) in preventing VTE with no significant increase in the major bleeding risk [7–10]. Although these studies favored rivaroxaban in terms of reduced VTE rates, wound infection and subsequent reoperation [11–13] were outcomes that were not fully evaluated by the RECORD trial design.

Previous studies have reported an increased incidence of infection [13] and subsequent reoperation [12,13] after the use of rivaroxaban for thromboprophylaxis in arthroplasty patients when compared with the use of low-molecular-weight heparin and enoxaparin. The purpose of this study was to further test those results by comparing the early deep postoperative surgical site infection and subsequent reoperation rates in THA and TKA

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patients treated with either oral rivaroxaban or any other form of chemical thromboprophylaxis.

Materials and Methods

After approval by the institutional review board, procedure codes from the 9th Revision of the International Classification of Diseases, Clinical Modification were used to query the administrative database at one large-volume community hospital to identify cases of a primary THA (procedure code: 81.51) or primary TKA (procedure code: 81.54) between January 2012 and December 2012, during which rivaroxaban was used as an option thromboprophylaxis. Patient charts were retrospectively reviewed using electronic medical records to verify the type of postoperative thromboprophylaxis used. The rivaroxaban group received 10–20 mg orally, once daily, within 24 hours postoperatively and continued for at least 14 days. The control group was composed of patients who received any other form of chemical thromboprophylaxis started within 24 hours postoperatively and continued for at least 14 days. Intermittent pneumatic compression devices and early mobilization were used as the standard postoperative protocol for hip and knee arthroplasties in both groups. No postoperative drains were used in either group. All patients received the standard dose of prophylactic perioperative antibiotics (cefazolin 1–2 g, replaced by vancomycin 1 g if penicillin allergy was present) for 24 hours.

Data elements collected included demographic data (age, gender, body mass index, length of stay), surgical data (type of procedure and procedure laterality), medication history (use of immunomodulators, steroids, or insulin at the time of surgery), and smoking history. The Charlson Comorbidity Index [14] was calculated for each patient admission. Patients with incomplete admission records were excluded.

The primary outcome measured was early deep postoperative surgical site infection. Patients who presented with clinical signs of wound infection (ie, persistent wound drainage) within 30 days of surgery were diagnosed with a potential early postoperative surgical site infection. These patients all subsequently underwent reoperation where each infection was defined as deep through evidence of intra-articular extension and joint aspiration. Microbiological specimens (fluid and/or tissues) were taken (by intra-articular aspiration preoperatively or from deep tissues during reoperation) and sent for cell count, differential, and cultures.

Statistical Analysis

Continuous variables were described using means and standard deviations or medians and interquartile ranges, as appropriate. Categorical variables were described using counts and percentages. Comparisons of continuous variables between patients with and without rivaroxaban treatment were done using Wilcoxon's rank-sum test. Comparisons of categorical variables were made using either Pearson's chi-squared test or Fisher's exact test, as appropriate. All analyses were performed using R software (version 3.0.2; Vienna, Austria). A significance level of 5% was used for all testing.

Results

Twelve surgeons performed 742 THA and TKA procedures during the study period, 103 of which were excluded because of incomplete records, leaving 639 procedures included in the study. None of the excluded patients had reoperation within 30 days; however, they were missing information regarding demographics

Table 1
Patient Demographics.

Variable	With Rivaroxaban (n = 159)	No Rivaroxaban (n = 480)	P Value
Gender			
Male	63 (39.6%)	210 (43.8%)	.41
Female	96 (60.4%)	270 (56.3%)	
Body mass index ^a	31 (27.5, 35)	32 (27, 38)	.21
Age (y) ^a	61 (54, 68)	62 (56, 70)	.052
Length of stay ^a	3 (3, 3)	3 (3, 3)	.56

^a Data reported as median (25th percentile, 75th percentile).

or comorbidities. Of the 103 excluded patients, 27 were treated with rivaroxaban, whereas remaining 76 were treated with another chemical form of prophylaxis. For the 639 patients included in the study group, 159 patients were in the study group and were treated with rivaroxaban, whereas remaining 480 were in the control group. One of the patients in the rivaroxaban group received 20 mg of oral rivaroxaban daily, whereas remaining 158 received 10 mg daily. In the control group, distribution of the thromboprophylaxis agents used was as follows: 322 patients received enoxaparin, 161 received aspirin, 33 received warfarin, 3 received dabigatran, and 1 received heparin. Fifty patients in both groups received more than one type of chemical thromboprophylaxis.

There were no statistically significant differences in demographics between the 2 groups (Table 1). Median length of hospital inpatient stay was identical in both groups at 3 days ($P = .56$). The proportions of THA and TKA in both groups were similar ($P = .67$; Table 2), with more TKA than THA in each. There were no significant differences between the groups in terms of smoking, the use of insulin, the use of immunosuppressive drugs, or Charlson Comorbidity Index (Table 2).

In the rivaroxaban group, 4 of 159 patients (2.5%) had an early deep surgical site infection with subsequent reoperation, while 1 of 480 patients in the control group experienced this complication (Table 3; $P = .015$). Details of these 5 patients with infection are described in Table 4. All of the patients diagnosed with an early deep surgical site infection had at least 2 positive preoperative or intraoperative intra-articular aspirate cultures with the same bacteria and received only one type of chemical thromboprophylactic drug as indicated in Table 4. When stratified by type of procedure, the difference between the groups treated with and without rivaroxaban was no longer statistically significant (Table 3).

Table 2
Univariate Comparison Between Groups of Patients Treated With and Without Rivaroxaban.

Variable	With Rivaroxaban (n = 159)	No Rivaroxaban (n = 480)	P Value
Current smoker	2 (1.3%)	14 (2.9%)	.38
Immunomodulator use	1 (0.6%)	3 (0.6%)	.99
Steroid use	20 (12.6%)	47 (9.8%)	.40
Insulin use	23 (14.5%)	68 (14.2%)	.99
Procedure			
Total hip arthroplasty	72 (45.3%)	206 (42.9%)	.67
Total knee arthroplasty	87 (54.7%)	274 (57.1%)	
Laterality			
Left	66 (41.5%)	224 (46.7%)	.52
Right	84 (52.8%)	232 (48.3%)	
Bilateral	9 (5.7%)	24 (5.0%)	
Charlson Comorbidity Index ^a	2 (1, 3)	2 (1, 3)	.07

^a Data reported as median (25th percentile, 75th percentile).

Table 3

Number of Patients Treated With and Without Rivaroxaban With Deep Infection After THA and TKA.

Group(s) Included	With Rivaroxaban	No Rivaroxaban	P Value
All THA and TKA (n = 639)	4/159 (2.5%)	1/480 (0.2%)	.015
THA patients only (n = 278)	2/72 (2.7%)	0/206 (0%)	.066
TKA patients only (n = 361)	2/87 (2.4%)	1/274 (0.4%)	.150

THA, total hip arthroplasty; TKA, total knee arthroplasty.

Discussion

Rivaroxaban achieves anticoagulation through the inhibition of factor Xa to prevent thrombin formation [15]. Advantages to its use include the convenience of oral preparation and the potential absence of thrombocytopenia adverse effect, but the association with early postoperative deep surgical site infection has not been sufficiently evaluated. Deep infection after arthroplasty is a high-morbidity complication that frequently requires several surgical debridements, prolonged courses of expensive and potentially toxic antibiotics, prolonged hospital stay with immobilization, and revision procedures [16]. The present study supports an association between rivaroxaban and early deep postoperative surgical site infections after primary TKA and THA. Patients who received rivaroxaban had a relative risk of infection of 10.7 (95% CI: 1.2–94.9; $P = .021$).

The infection rate in patients treated with rivaroxaban after THA or TKA in the present study was similar to that observed by Jensen et al [12]. In their retrospective study of 1048 THA and TKA patients, the infection rate in those treated with rivaroxaban was 2.5% (14 of 559), whereas those who received tinzaparin had an infection rate of 1% (5 of 489). Chahal et al [13] noted an increase from 0.9% to 1.9% in infection rate for 160 patients treated with rivaroxaban after primary THA and TKA (compared with 227 treated with enoxaparin), although this difference did not reach statistical significance.

The deep infection rate observed in patients who received rivaroxaban in the present study was higher than the infection rate noted by Sindali et al [17]. In their prospective cohort study evaluating postoperative wound healing, they noted a 1% deep infection rate in 202 patients who received rivaroxaban after primary THA and TKA, which is comparable to the overall infection rate reported for primary THA and TKA in the literature [18,19]. A previous multicenter retrospective study by Jameson et al [20] also reported a lower infection rate (17 of 2762; 0.62%) in patients treated with rivaroxaban than the present study, which was not significantly higher than the rate of their enoxaparin control group (55 of 10,361; 0.53%; $P = .586$). The increased rate of infections observed in patients undergoing THA and TKA in the present study contrasts with the rate of serious postoperative wound infections observed

by Lassen et al [21] after a retrospective analysis of all investigator reported adverse events in patients who underwent primary THA and TKA during all 4 RECORD trials. They reported a 0.16% rate of serious postoperative infection in 6183 patients who received rivaroxaban compared with a 0.27% rate of serious postoperative infection in 6200 patients who received enoxaparin. They defined a serious postoperative wound infection as any infection that resulted in significant disability or death, was life threatening, required inpatient hospitalization or prolongation of existing hospitalization, or was classified as important medical events requiring intervention. However, the serious postoperative infections they observed do not specify involvement of the joint and thus cannot be directly compared to the deep infections observed in the present study.

Although the present study did not analyze wound drainage, previous studies have reported an increase in wound drainage and bleeding in patients who received rivaroxaban after primary THA and TKA compared with other forms of chemical thromboprophylaxis and have also reported an increased deep infection rate in the respective subgroup of patients who received rivaroxaban [12,17,20]. Three of the 5 patients diagnosed with early deep surgical site infections in the present study experienced prolonged wound drainage, which has been associated with infection in patients undergoing THA and TKA [22] and therefore may have contributed to the infection rate which was observed. There are, however, previous studies that have observed similar wound drainage and bleeding in patients who received rivaroxaban and enoxaparin after undergoing THA and TKA [13,21].

A primary limitation of this study is its retrospective design and all the inherent limitations of such study design with regard to uniformity of data collection. This type of design cannot assess causality and can only identify an association between variables. Because of the small incidence of early deep surgical site infections in the cohort, we could not adjust for risk factors, comorbidities, or demographic variables. Several comorbidities and medical conditions such as obesity [23,24], diabetes mellitus [23,25], the presence of malignancy [26], and the use of immunosuppressive therapy [23] have been associated with surgical site infections after arthroplasty, but a comparison of risk factors, demographic variables, and comorbidity variables in this study did not reveal a significant statistical difference between groups.

Although previous studies have shown rivaroxaban to be more effective and less expensive than enoxaparin in patients undergoing THA and TKA [27], they failed to take into account the risk of deep infections, which are known to have high personal, health-care, and socioeconomic costs and would offset any apparent savings [12]. The increased rate of early deep postoperative surgical site infection observed in the present study supports the need for further large-scale evaluations which focus on surgical complications after the use of rivaroxaban for post primary THA and TKA thromboprophylaxis.

Table 4

Details of the Infected Patients.

Anticoagulant	Age	Gender	Procedure	Perioperative Antibiotic	Organism	Operation	Days to Revision From Index Procedure
1 Rivaroxaban	43	Female	TKA	Cefazolin	<i>Streptococcus mitis oralis</i>	I&D with polyethylene exchange	29
2 Rivaroxaban	59	Male	TKA	Vancomycin	<i>Pseudomonas aeruginosa</i>	I&D with spacer insertion	70
3 Rivaroxaban	48	Male	THA	Cefazolin	<i>Staphylococcus epidermidis</i>	I&D with polyethylene exchange	19
4 Rivaroxaban	68	Female	THA	Cefazolin	Methicillin-resistant <i>Staphylococcus aureus</i>	I&D with polyethylene exchange	17
5 No rivaroxaban (aspirin)	56	Female	TKA	Cefazolin	<i>Streptococcus agalactiae</i>	I&D with polyethylene exchange	28

THA, total hip arthroplasty; TKA, total knee arthroplasty; I&D, irrigation and debridement.

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EXHIBIT DX22

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

Effects of preoperative warming on the incidence of wound infection after clean surgery: a randomised controlled trial

Andrew C Melling, Baqar Ali, Eileen M Scott, David J Leaper

Summary

Background Wound infection after clean surgery is an expensive and often underestimated cause of patient morbidity, and the benefits of using prophylactic antibiotics have not been proven. Warming patients during colorectal surgery has been shown to reduce infection rates. We aimed to assess whether warming patients before short duration, clean surgery would have the same effect.

Methods 421 patients having clean (breast, varicose vein, or hernia) surgery were randomly assigned to either a non-warmed (standard) group or one of two warmed groups (local and systemic). We applied warming for at least 30 min before surgery. Patients were followed up and masked outcome assessments made at 2 and 6 weeks.

Findings Analysis was done on an intention-to-treat basis. We identified 19 wound infections in 139 non-warmed patients (14%) but only 13 in 277 who received warming (5%; $p=0.001$). Wound scores were also significantly lower ($p=0.007$) in warmed patients. There was no significant difference in the development of haematomas or seromas after surgery but the non-warmed group were prescribed significantly more postoperative antibiotics ($p=0.002$)

Interpretation Warming patients before clean surgery seems to aid the prevention of postoperative wound infection. If applied according to the manufacturers guidelines these therapies have no known side-effects and might, with the support of further studies, provide an alternative to prophylactic antibiotics in this type of surgery.

Lancet 2001; **358**: 876–80

Introduction

Wound infection remains one of the most common causes of morbidity in the surgical patient despite advances in surgical practice and the widespread use of prophylactic antibiotics. The average cost of a surgical wound infection has proved difficult to estimate,¹ but hospital costs alone may be over £1500 per patient.^{2,3} The costs of treatment after discharge from hospital, where most wound infections are now diagnosed,⁴⁻⁶ or the cost to the patient in prescription charges, loss of earnings and a reduced quality of life, are rarely taken into account.

Clean surgery is defined as uninfected, operative surgery, where no inflammation is encountered and the respiratory, alimentary, and genitourinary tracts are not opened.⁷ The importance of infection rates in clean surgery should not be underestimated as they might be seen as an indicator of quality and used to determine surgical performance.^{8,9}

Most studies suggest that the infection rate in clean surgery is 5% or lower.^{4,10-13} However, other studies have shown that if patients are followed up intensely for 6 weeks after surgery, and the definition of infection is not solely limited to the presence of a purulent discharge, then infection rates might be nearer 10%.^{6,8,14}

Many factors have been shown to reduce the incidence of surgical wound infection, most of which are now part of best practice. The value of prophylactic antibiotics in clean-contaminated and contaminated surgery is not contentious but the benefits of prophylactic antibiotics in reducing wound infection rates after clean surgery remain unclear. Although it has been suggested that antibiotics are beneficial¹⁵ this idea has not been supported by other studies.^{14,16}

Animal and human studies have shown that intraoperative hypothermia increases the risk of wound infection.¹⁷⁻¹⁹ Intraoperative hypothermia is likely to cause a reduction in peripheral circulation, which may increase tissue hypoxia and make the wound more susceptible to infection, even if contamination levels are low. The process of warming using a warm air blanket, to prevent hypothermia, is becoming common practice for most major surgery but the benefits of warming during clean surgical procedures, where surgery usually lasts less than an hour.

An alternative may be to warm patients before short duration, usually day case, surgery. We aimed to assess the use of a local warming device and a warm air blanket for the reduction of infection after clean wound surgery.

Patients and methods

We did a randomised controlled trial to investigate the effects of preoperative warming using a local warming device and a warm air blanket on postoperative wound infection rates after clean surgery. We obtained local research ethics committee approval and informed consent from all patients. All data collection took place within the same district general hospital.

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Sample

An initial two sided calculation with 90% power estimated that a sample size of 402 (134 in each of the three groups) would be required to detect a significant reduction, at the 5% level, in either of the two warmed groups compared with the non-warmed group. Patients were judged eligible if they were having an elective hernia repair, varicose vein surgery, or breast surgery that would result in a scar longer than 3 cm in length. We excluded patients if they were under the age of 18 years, pregnant, were taking long-term oral steroids, had received radiotherapy (to the incision site) or chemotherapy in the last 4 weeks, or had an infection at the time of surgery.

Most patients were recruited to the study on the same day as surgery and randomly assigned to one of three groups, two intervention groups, systemic or local warming, and one non-warming (standard) group. Randomisation was prepared in blocks of 90, with the treatment allocation concealed in opaque envelopes.

Treatment

Patients randomly assigned to the non-warmed (standard) group received the usual preoperative care, which does not include any active temperature control.

Patients in the systemic warming group received the same standard preoperative care, plus the addition of a minimum 30 min preoperative warming to the whole body using a forced-air, warming blanket. Patients assigned to the local warming group also received the standard care and a minimum 30 min preoperative warming to just the planned wound area using a non-contact, radiant heat dressing. A research registrar (BA) and operating theatre nursing staff applied the warming devices before surgery. Both warming devices were left in situ until just before surgery.

Data collection and postoperative surveillance

We recorded demographics and patients' health profiles. Variables which have been shown to affect the rate of infection, such as skin preparation, length of operation, administration of prophylactic antibiotics, and experience of the operating surgeon were also recorded. Core temperatures were recorded (using tympanic thermometers calibrated according to manufacturers

guidelines) before any treatment, after any warming, and after surgery.

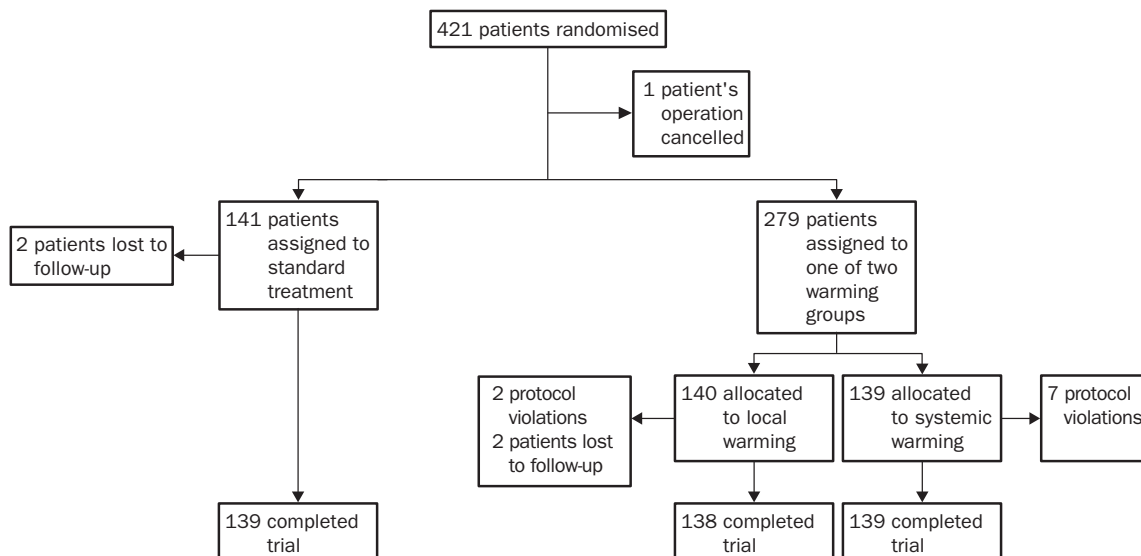
A single trained observer (ACM) who was unaware of treatment allocation reviewed patients at 2 and 6 weeks postoperatively in an outpatient clinic or their own homes. He observed wounds directly and interviewed patients briefly about their wound history. A patient diary, designed for the project was given to all patients and aided the process of wound surveillance. Wounds were swabbed for microbiological analysis if a purulent discharge was present at time of review.

We classified wounds as infected if there had been a purulent discharge or a painful erythema that lasted for 5 days and was treated with antibiotics within 6 weeks of surgery. All wounds were also scored using an adapted version of the ASEPSIS²⁰ wound scoring system. In a small number of cases, when patients were unable or unwilling to be seen at 6 weeks, a standardised telephone assessment was done, and a patient questionnaire was sent to the patient for completion. We distributed ten questionnaires, six of which were returned.

Statistical analysis

Analysis was carried out on an intention-to-treat basis using the statistical package for social sciences (SPSS, version 8). The effects of preoperative warming on primary outcomes (wound infection, ASEPSIS score, haematoma, seroma, wound aspiration, and postoperative antibiotics) were tested by combining the systemic and local warming groups into one warmed group, which was then compared with the non-warmed group using a two-tailed Pearson χ^2 test. We also individually compared the two warming groups with the non-warmed group (two-tailed Pearson χ^2 test) and then compared them with each other in the same way to identify any differences in outcome between the two. Absolute risk reduction was calculated by subtracting the rate of infection in the experimental group from the rate of infection in the control group. The reciprocal of this was then taken to give the numbers needed to treat.²¹

The effect that other variables (table 4) had on the presence of infection was tested using logistic regression. Initial univariate analysis with a two-tailed Pearson χ^2 test and paired or non-paired *t* tests were used to identify



Trial profile

Characteristics	Standard (n=139)	Systemic warming (n=139)	Local warming (n=138)
Age (years)*	50.4 (15.3)	49.7 (13.7)	50 (14.1)
Body mass index*	25.6 (4.1)	25.7 (4.3)	25.8 (4.1)
Sex			
Male	55 (40%)	64 (46%)	55 (40%)
Female	84 (60%)	75 (54%)	83 (60%)
Fasted for more than 8 h	44 (32%)	43 (31%)	47 (34%)
Incision site shaved more than 6 h before surgery	67 (48%)	54 (39%)	74 (54%)
Type of surgery			
Breast	60 (43%)	57 (41%)	58 (42%)
Hernia	47 (34%)	54 (39%)	54 (39%)
Varicose veins	32 (23%)	28 (20%)	26 (19%)
Previous surgery (in the last 3 months)	5 (4%)	6 (4%)	6 (44%)
Cancer diagnosis	42 (30%)	37 (27%)	38 (28%)
Initial core temperature (°C)*†	36.5 (0.55)	36.67 (0.49)	36.64 (0.53)
Prophylactic antibiotics	47 (34%)	36 (26%)	36 (26%)
Length of surgery (min)*	48 (17.52)	49.3 (15.63)	49.5 (19)
Seniority of surgeon (42)‡			
Senior house officer	12 (9%)	11 (9%)	11 (9%)
Registrar	47 (37%)	51 (42%)	55 (45%)
Consultant	70 (50%)	61 (50%)	56 (46%)

*Values are mean (SD). †Initial core temperature was recorded on admission to the day case unit or on the surgical ward before transfer to theatre. ‡Data missing for 42 patients.

Table 1: Characteristics of the patients in the three treatment groups

Outcome	Local warming	Systemic warming	All warmed patients	Non-warmed patients	p*
Wound infection	5 (4%)	8 (6%)	13 (5%)	19 (14%)	0.001
ASEPSIS score					
0–10	130 (94%)	129 (93%)	259 (94%)	115 (83%)	
11–20	4 (3%)	4 (3%)	8 (3%)	7 (5%)	
21–30	3 (2%)	3 (2%)	6 (2%)	9 (7%)	
31–40	1 (0.7%)	1 (0.7%)	2 (0.7%)	6 (4%)	
>41	0	2 (1%)	2 (0.7%)	2 (1%)	0.007
Haematoma	4 (3%)	2 (1%)	6 (2%)	5 (4%)	0.26
Seroma	7 (5%)	4 (3%)	11 (4%)	8 (6%)	0.41
Wound aspirated	7 (5%)	4 (3%)	11 (4%)	9 (7%)	0.27
Prescribed postoperative antibiotics	9 (7%)	9 (7%)	18 (7%)	22 (16%)	0.002

*Calculated by comparing warmed patients with non-warmed patients.

Table 2: Postoperative outcomes

candidate variables to enter a backwards stepwise logistic regression. The criteria for selecting candidate variables was $p < 0.25$.²²

Results

From April, 1999, to May, 2000, 421 patients were recruited into the study (figure). One patient randomly assigned to local warming had his operation cancelled and four patients (two local warming and two standard) were lost to follow-up, leaving 416 patient data sets for further analysis.

139 patients received standard treatment, 138 received local warming, and 139 received systemic warming. Nine protocol violations occurred, all in the warming groups. These were mainly due to logistical problems—eg, a change in operating times made warming impossible—or an unexplained pyrexia, where a clinical decision was made not to warm.

The characteristics of the three randomisation groups were similar (table 1). Core temperatures were significantly increased by both local warming (mean 0.13°C [SD 0.57], $p=0.028$) and systemic warming (0.35°C [0.58], $p=0.001$). The mean core temperature after surgery was within normal limits (36.41°C [0.59]). Patients who were assigned to the local warming group received a significantly longer period of warming than the systemic warming group (44.94 vs 38.73 min, $p=0.005$).

The overall rate of surgical wound infection was 8%. There was a lower rate of wound infection in the

combined warming group when compared with the group of patients who were not warmed ($p=0.001$). ASEPSIS wound scores were also significantly lower ($p=0.007$) in the warmed group compared with the non-warmed group (table 2).

Individually both systemic warming ($p=0.026$) and local warming ($p=0.003$) had a significant effect on the rate of wound infection. Table 3 shows the absolute risk reductions and numbers need to treat. Less wound infections were reported in patients who were locally warmed compared with those in the systemically warmed group, however, this was not significant ($p=0.4$).

Preoperative warming did not significantly reduce other wound complications such as haematoma, seroma, and wounds requiring aspiration (table 2). However, less patients who were warmed were given postoperative antibiotics than those who received no warming ($p=0.002$; table 2). Ten positive and four negative wound swabs were obtained. *Staphylococcus aureus* was the most commonly cultured organism ($n=8$).

	Systemic warming	Local warming
Absolute risk reduction (95% CI)	7.9% (1.0–14.8)	10.1% (3.6–16.6)
Relative risk reduction	57.7%	73.7%
Numbers needed to treat relative to the standard treatment	15 patients	10 patients

Table 3: The effects of warming therapies compared with standard treatment

	Wound infection (n=32)	Non-wound infection (n=384)
Age (years)*	48.06 (13.47)	49.96 (14.48)
Body mass index (kg)*	28.04 (5.44)	25.51 (3.98)
Male/female	12/20	162/222
Smokers	11 (34%)	118 (31%)
Type of surgery		
Breast	18 (56%)	157 (41%)
Hernia	10 (31%)	145 (38%)
Varicose veins	4 (13%)	82 (21%)
Previous surgery (in the last 3 months)	3 (9%)	29 (8%)
Cancer diagnosis	11 (34%)	106 (28%)
Shaving times†		
Didn't shave	9 (28%)	101 (27%)
Within 7 h	6 (19%)	110 (30%)
7 h or more	17 (53%)	166 (44%)
Fasting times‡		
8 h or less	23 (72%)	250 (67%)
More than 8 h	9 (28%)	125 (33%)
Theatre		
Day case unit	30 (94%)	330 (86%)
Main theatre	2 (6%)	54 (14%)
Initial core temperature (°C)*	36.7 (0.55)	36.6 (0.53)
Postwarming temperature (°C)*	36.9 (0.28)	36.9 (0.58)
Postoperative temperature (°C)*	36.6 (0.66)	36.4 (0.59)
Prophylactic antibiotics	6 (19%)	115 (30%)
Operation time*	51.3 (18.5)	48.69 (17.4)
Seniority of surgeon§		
Senior house officer	12 (38%)	175 (51%)
Registrar	17 (53%)	136 (40%)
Consultant	3 (9%)	31 (9%)

*Values are mean (SD). †Data missing for seven patients. ‡Data missing for nine patients. §Data missing for 42 patients.

Table 4: **Characteristics of patient by wound infection**

Breast surgery had a higher wound infection rate than hernia surgery and varicose vein surgery (table 4). Stepwise logistic regression of the data in table 4 yielded only body mass index as a significant variable at the 5% level, with an odds ratio of 1.12 (95% CI 1.02–1.21)

Discussion

All surgical patients are at risk of a wound infection and this risk increases if tissue perfusion is poor after surgery.²³ We have shown that a 30 min period of warming, before surgery, reduces infection rates from 14% to 5%. The length of surgery was short and core temperatures in the recovery room do not suggest that patients were hypothermic. However, due to the whole surgical episode of preoperative anxiety, prolonged fasting, anaesthetic drugs, and surgery our patients are still likely to have had reduced peripheral circulation before, during and immediately after surgery. A previous study²⁴ done on healthy volunteers showed that tissue oxygen partial pressure can be increased by local radiant heating, which persisted for 3 h after removal. If applied, as in this study, before short duration surgery the 3 h of increased partial pressure of oxygen could be long enough to sustain the patient's host defences through the decisive period where infection is most likely to become established.²⁵

The high wound infection rate in the standard group compares with other studies where follow-up, by a trained, unbiased observer, was intense and wound scoring was used.^{6,8,14} Only 14 wound swabs were obtained in this current study. There are several reasons for this low figure, but the most important was that patients who were seen at 2 and 6 weeks had often been prescribed antibiotic treatment by their general practitioner without having their wounds swabbed. This

may also account for three of the four negative swab results. *S aureus* was the most common organism grown and reflects the findings of previous studies on similar patients.^{12,14,15}

Prewarming patients, if applied according to the manufacturers' guidelines, appears to have no adverse side-effects. Initial concerns were raised by some surgeons, who felt that patients bled more at the beginning of their operations. However, this does not appear to have caused any complications as the warmed patients had a lower rate of haematoma and seroma development.

We did not show any differences in outcome between the two types of warming. Although local warming resulted in fewer infections than systemic warming, this difference was not significant. Both methods, increased core temperature by a significant amount, however, the patients in the local warming group were warmed for significantly longer periods than the systemic warming group. This discrepancy was probably due to local warming not relying upon a mains supply, which meant it could be transported with the patient and remain in place until skin preparation.

Despite the findings of other studies only a higher body mass index was shown to significantly increase the patients risk of developing a wound infection.²⁶ Other recognised risk factors, such as age,^{11,13,26} shaving,^{10,27} and length of operation^{10,11} had little effect.

The surgical episode and the first few hours afterwards have been widely accepted as the key period when a wound infection is likely to become established.²⁵ This paper suggests that the hour before surgery may be just as important. The simple addition of two different types of warming, applied for at least 30 min before surgery, have both clearly reduced infection rates and therefore the need for additional treatment, including postoperative antibiotics.

Preoperative warming may be an alternative to the controversial use of prophylactic antibiotics,^{14–16} that avoids the associated risks of allergy and resistance, in clean surgery.

Contributors

Andrew Melling contributed to study design, patient recruitment, data collection after surgery, data input and analysis, and writing of the paper. Baqar Ali helped with study design, patient recruitment and randomisation, data collection during surgery, and editing of the paper. Eileen Scott was involved in hypothesis generation data collection during surgery, editing of the paper. David Leaper contributed to hypothesis generation, study design, editing and revision of the paper.

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EXHIBIT DX23

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

BJR

■ **ARTHROPLASTY****Prophylactic antibiotics in elective hip and knee arthroplasty**

AN ANALYSIS OF ORGANISMS REPORTED TO CAUSE INFECTIONS AND NATIONAL SURVEY OF CLINICAL PRACTICE

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Objectives

We wanted to investigate regional variations in the organisms reported to be causing peri-prosthetic infections and to report on prophylaxis regimens currently in use across England.

Methods

Analysis of data routinely collected by Public Health England's (PHE) national surgical site infection database on elective primary hip and knee arthroplasty procedures between April 2010 and March 2013 to investigate regional variations in causative organisms. A separate national survey of 145 hospital Trusts (groups of hospitals under local management) in England routinely performing primary hip and/or knee arthroplasty was carried out by standard email questionnaire.

Results

Analysis of 189 858 elective primary hip and knee arthroplasty procedures and 1116 surgical site infections found statistically significant variations for some causative organism between regions. There was a 100% response rate to the prophylaxis questionnaire that showed substantial variation between individual trust guidelines. A number of regimens currently in use are inconsistent with the best available evidence.

Conclusions

The approach towards antibiotic prophylaxis in elective arthroplasty nationwide reveals substantial variation without clear justification. Only seven causative organisms are responsible for 89% of infections affecting primary hip and knee arthroplasty, which cannot justify such widespread variation between prophylactic antibiotic policies.

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Keywords: Peri-prosthetic infection, surgical site infection; prophylaxis; joint arthroplasty

Article focus

- Prophylactic antibiotics are often administered in the peri-operative period to reduce the risk of infection following joint arthroplasty surgery.

Key messages

- There is widespread variation in use of prophylactic antibiotics for elective lower limb arthroplasty. This variation is not justified by any regional variation in the organisms believed to have caused peri-prosthetic joint infections.

Strengths and limitations

- Strengths - data on organisms thought to have caused surgical site infections were

extracted from a national surveillance database. A survey of antibiotic prophylaxis regimens achieved responses from every NHS organisation performing elective hip and knee arthroplasty.

- Limitations - this cross-sectional study has identified an important public health problem (unjustified variation in practice) but cannot prove a link between intervention (antibiotic choice) and population-level outcomes (organism distribution).

Introduction

Total hip arthroplasty (THA) and total knee arthroplasty (TKA) are two of the most commonly performed orthopaedic procedures. Annually, over 86 488 THAs and over

90 842 TKAs are performed in the United Kingdom, and over 231 000 THAs and 542 000 TKAs in the United States.^{1,2} Although they are safe and effective operations, prostheses can fail due to aseptic loosening, dislocation, fracture, or infection.³ Surgical site infection (SSI), which includes prosthetic joint infection (PJI), has a prevalence of 0.7% to 2.1% in primary THAs and 0.6% to 1.8% in primary TKAs.⁴⁻⁶ With high-quality post-discharge surveillance, median infection rates were estimated to be 1.6% and 2.4% for THA and TKA, respectively, from 2011 to 2012 in England.⁷ PJI is the reason for 14.8% of THA revisions and the most common indication (25.2%) for revising TKAs.⁸ Each PJI is estimated to cost \$30 000 to \$40 000 (£18 374 to £24 500) and this complication will account for 50% of all hospital resources used for revision TKA by 2016.⁹ It is therefore necessary to optimise the use of safe, effective, and low-cost interventions to reduce the burden of PJI after lower limb joint arthroplasty.¹⁰

Over half of PJIs are caused by *Staphylococcus* species, particularly *Staphylococcus* (*S.*) *aureus* and coagulase-negative staphylococci (CoNS).⁴ Met(h)icillin-resistant *S. aureus* (MRSA) is isolated from 8% of infected prostheses, and anaerobes are isolated from 7% of infected prostheses. However, retrospective case series have shown that up to 36% of prostheses infections are polymicrobial.¹¹ As most organisms are commensal skin flora, they are presumed to have inoculated the prosthesis at joint implantation.¹⁰ Less commonly, organisms can spread haematogenously from distant sites, for example from the urinary tract.

Interventions to reduce rates of PJI include MRSA decolonisation and met(h)icillin-sensitive *S. aureus* (MSSA) decolonisation, pre-operative nutritional optimisation, good diabetic control, careful hair removal, instrument sterilisation and skin decontamination, laminar flow theatres, body exhaust suits, and antibiotic-impregnated cement. Another key intervention is the use of peri-operative prophylactic antibiotics.¹²⁻¹⁴

In a pooled analysis of seven studies, the administration of prophylactic antibiotics reduced the relative risk (RR) of wound infection by 81% (RR 0.19; 95% confidence interval (CI) 0.12 to 0.31). This translates to an absolute risk reduction of 8%, meaning that one wound infection would be prevented for every 13 people treated compared with no administration of antibiotics.¹⁵ It is, however, difficult to recommend a particular regimen based on current studies, which vary in drug selection, dose, timing, and use of post-operative antibiotics. Antibiotic regimens might carry different risks and side-effect profiles, e.g., hypersensitivity reactions (including anaphylaxis), acute kidney injury, and *Clostridium difficile* infection (CDI).¹⁶⁻¹⁹

The aims of this paper are to report the bacterial spectrum of infections across England, to document national variation in antibiotic prophylaxis for primary THA and

TKA, to identify emerging trends in the use of specific regimens, and to recommend an optimal regimen based on current evidence.

Materials and Methods

Current pathogens in hip and knee arthroplasty infections in England. We analysed 189 858 elective primary hip and knee arthroplasty procedures and 1116 inpatient or re-admission SSIs submitted by 184 NHS hospitals (representing 142 NHS Trusts and ten independent NHS treatment centres) to the Public Health England (PHE) national SSI database between April 2010 and March 2013. As the survey on surgical antibiotic prophylaxis was carried out in 2013, the PHE organism data available at the time were for April 2012 to April 2013. The dataset was therefore expanded to include data from the previous two years in order to increase the sample size. Although mandatory orthopaedic data were collected from April 2004, the inclusion of historical data that predated various national policies on healthcare-associated infections would have introduced bias and over-estimation of the burden of *S. aureus*. Participating hospitals follow a standard protocol of internationally-recognised case definitions for superficial, deep, and organ-space SSIs. Hospitals also undertake systematic prospective follow-up for the capture of cases.²⁰⁻²² The standard follow-up period is 30 days for superficial SSIs and up to one year (365 days) for deep and/or organ-space SSIs.

Since April 2004, all NHS Trusts in England have been required to undertake mandatory surveillance in orthopaedic surgery. The four orthopaedic categories are hip arthroplasty, knee arthroplasty, repair of the neck of the femur, and reduction of long-bone fracture. PHE manages the SSI surveillance programme and publishes the rates of SSI by an NHS Trust on an annual basis for the orthopaedic modules. Since public reporting of orthopaedic SSI is at Trust level, the minimum requirement is participation by one hospital site for at least one surveillance quarter in one of the four mandatory orthopaedic categories.

Data are submitted via the PHE secure web-based portal. All data are checked for errors using an inbuilt automated validation system. For example inconsistencies in date values are identified and flagged to the user. SSIs with insufficient SSI criteria entered or superficial SSIs detected beyond 30 days are disallowed to avoid over-reporting of SSIs that do not meet the standard case definitions. Reporting on causative micro-organisms is optional, but must be based on clinically-significant isolates.

The SSIs included in this analysis were those detected during the inpatient stay, or on re-admission following initial hospital discharge, as these methods of detection are a requirement for all participating hospitals. Other forms of post-discharge surveillance (patient wound healing questionnaires or follow-up through review or outpatient clinics) are optional and used inconsistently, and thus were excluded from this study.

We analysed superficial, deep, and organ-space SSI isolates together then conducted a separate subgroup analysis restricted to deep and organ-space SSI isolates. All English NHS Trusts participated in this mandatory orthopaedic surveillance in 2010/2011, three failed to do so in 2011/2012, and two in 2012/2013.²²

The proportion of participating hospitals undertaking continuous surveillance (all four quarters) increased year on year, from 51% in 2010/2011 to 56% in 2012/2013 for hip prosthesis and from 52% to 55% for knee prosthesis over the same time period.²²

The four PHE 'super regions' used were London, Midlands and the East of England, the North of England, and the South of England.

Data on primary indications involving trauma/fracture or revision surgery (including revisions for aseptic loosening) were excluded from this analysis. Other indications for surgery were included (avascular necrosis, inflammatory joint disease, osteoarthritis, revision, and other).

Current regimens for prophylaxis in England. As a separate initiative from PHE's routine surveillance activities, all 144 acute hospital Trusts performing primary hip and knee arthroplasty in England were contacted. Responses were received from 100% of these Trusts. Information governance leads at each Trust were emailed a standard questionnaire in October 2013 and those that did not respond within 30 days were contacted by telephone. Telephone calls were to the duty microbiologist, antibiotic pharmacist, medicines information line, or orthopaedic junior doctor on call. In all cases, sources were asked for information from their hospital's antibiotic policy. Where the individual contacted was not aware of the local policy, another individual from the list of suitable contacts was contacted.

Contacts were asked 'Which antibiotics are given prophylactically to patients undergoing elective primary THA or TKA at induction and/or post-operatively? What modifications are made for patients with a serious allergy to penicillin or a history of MRSA infection/colonisation? What doses are administered? What are the dosing intervals? Are there any special circumstances specified in their guidelines, e.g. repeated doses for prolonged surgery or excessive loss of blood?'

Non-normally distributed continuous data were described using medians with interquartile ranges. Fisher's exact test was used to compare differences in categorical outcomes between groups as there were small numbers in some cells. Statistical analyses were performed using Stata 13.0 (StataCorp, College Station, Texas) and $p < 0.05$ (two-tailed) was adopted as the threshold for significance.

Results

Patient characteristics of primary elective hip or knee procedures. The distribution of the patients' age, gender and ASA score distribution were broadly similar across the

two modules. Patients aged 65 to 74 years accounted for the largest proportion of procedures. Within this group, there were more patients receiving a knee prosthesis, compared with those receiving a hip prosthesis (38.1% and 34.4%, respectively). Patients aged < 45 years accounted for the smallest proportion across both populations, however, it was slightly higher in the THA group (4% and 1%, respectively). Female patients accounted for a slightly higher proportion in the THA than the TKA group (60.2% and 58.0%, respectively). Patients with ASA score of 3 or more were similar across the hip and knee modules (19.4% and 20.3%, respectively).

The median time from procedure date to onset of SSI was based on monomicrobial SSIs. Overall the median time to onset of SSI was 18 days (interquartile range (IQR) 11 to 29, minimum and maximum 1 to 363). The median time to onset of *S. aureus* SSIs was 19 days (IQR 12 to 29, 1 to 362); 16 days for CoNS SSIs (IQR 11 to 27, 1 to 345) and 17 days for *Enterobacteriaceae* SSIs (IQR 11 to 25, 2 to 267).

Pathogens reported to cause hip and knee arthroplasty infections in England. There were 1116 inpatient/re-admission SSIs, of which 73.3% ($n = 818$) included data on causative micro-organisms (Table I). 73.8% ($n = 604$) of these SSIs had a monomicrobial aetiology ($n = 604$) and 26.2% ($n = 214$) were polymicrobial. SSIs with organism data yielded a total of 1083 isolates and, of these isolates, 69.1% ($n = 748$) related to deep and/or organ-space SSIs.

MSSA was the predominant pathogen across England, accounting for 27.0% of isolates ($n = 291$) followed by coagulase-negative staphylococci (CoNS) at 25.5% ($n = 276$). MRSA accounted for 4.2% ($n = 45$) of total isolates. The seven most common causative organisms accounted for 89% of all SSI isolates following THAs and TKAs across the four PHE super regions.

At regional level, staphylococci (MSSA, MRSA, and CoNS) accounted for 57% of isolates with a similar distribution across the PHE super regions. The burden of MRSA was, however, significantly higher in the Midlands and East of England compared with the other three regions (7.4% vs 2.8%; Fisher's exact test; $p = 0.001$).

The burden of *Pseudomonas* spp. was significantly higher in London compared with the three regions combined (8.9% vs 3.2%; Fisher's exact test: $p = 0.005$).

Sub-group analysis limited to deep and organ space SSIs ($n = 748$) found that CoNS were the predominant pathogens and accounted for 27% of isolates ($n = 209$) followed by MSSA at 25% ($n = 184$). MRSA accounted for 3.3% of these isolates. Overall, staphylococci accounted for 56% of isolates in this analysis. Stratified analyses by PHE super region showed that the burden of MRSA was also significantly higher in the Midlands and East of England region compared with the other three regions combined (6.3% vs 2.2%; Fisher's exact test: $p = 0.010$). The burden of *Pseudomonas* spp. was also significantly higher in London compared with other three regions combined (8.2% vs 2.8%; Fisher's exact test: $p = 0.028$).

Table 1. Micro-organisms reported as causing surgical site infection (SSI) following hip or knee prosthesis surgery (Apr 2010 to Mar 2013)

		London		Midland and East of England		North of England		South of England		England (total)	
No.	%	n	%	n	%	n	%	n	%	n	%
All SSI isolates	MSSA	25	20.2	88	27.2	87	26.9	91	29.2	291	26.9
	MRSA	3	2.4	24	7.4	8	2.5	10	3.2	45	4.2
	CoNS	39	31.5	73	22.5	85	26.3	79	25.3	276	25.5
	Enterobacteriaceae	20	16.1	52	16.0	58	18.0	39	12.5	169	15.6
	Other bacteria*	10	8.1	35	10.8	26	8.0	40	12.8	111	10.2
	<i>Enterococcus</i> spp.	11	8.9	20	6.2	31	9.6	17	5.4	79	7.3
	<i>Streptococcus</i> spp.	5	4.0	24	7.4	17	5.3	21	6.7	67	6.2
	<i>Pseudomonas</i> spp.	11	8.9	6	1.9	11	3.4	14	4.5	42	3.9
	Fungi	0	0.0	2	0.6	0	0.0	1	0.3	3	0.3
	Total	124	100	324	100	323	100	312	100	1,083	100
	CoNS†	23	31.5	51	24.6	71	30.5	64	27.2	209	27.9
Deep or organ-space SSI isolates	MSSA	18	24.7	50	24.2	62	26.6	54	23.0	184	24.6
	MRSA	1	1.4	13	6.3	3	1.3	8	3.4	25	3.3
	Enterobacteriaceae	12	16.4	34	16.4	40	17.2	35	14.9	121	16.2
	Other bacteria†	5	6.8	20	9.7	19	8.2	32	13.6	76	10.2
	<i>Enterococcus</i> spp.	5	6.8	18	8.7	18	7.7	13	5.5	54	7.2
	<i>Streptococcus</i> spp.	3	4.1	18	8.7	12	5.2	19	8.1	52	7.0
	<i>Pseudomonas</i> spp.	6	8.2	2	1.0	8	3.4	9	3.8	25	3.3
	Fungi	0	0.0	1	0.5	0	0.0	1	0.4	2	0.3
	Total	73	100	207	100	233	100	235	100	748	100

* The majority in this group comprised diptheroids/*Corynebacterium* spp. (40%) followed by unidentified organisms (31%)

† The majority in this group comprised diptheroids/*Corynebacterium* spp. (42%) followed by unidentified organisms (28%)
MSSA, met(h)icillin-sensitive *S. aureus*; MRSA, met(h)icillin-resistant *S. aureus*; CoNS, coagulase-negative staphylococci

The reasons for the regional differences in MRSA and *Pseudomonas* spp. are not entirely clear. However, laboratory data reported to PHE's voluntary surveillance system (LabBase2) from 2010 to 2013 shows that the rate of infections in the bloodstream due to *Pseudomonas* spp. was consistently higher in London compared with the other three regions over this period even with the declining trend.²³ The corresponding analysis for MRSA was not available although a separate report showing trends by smaller geographical units called Area Teams (ATs) showed that ATs within the Midlands and East England region did not show the highest rates of bloodstream infections due to MRSA than other ATs.²⁴ The MRSA result from the SSI programme is perplexing and needs further study.

Current prophylaxis regimens in England

Routine prophylaxis. The three most common antibiotics or antibiotic combinations made up 126/146 (87%) of observed practice. Flucloxacillin in combination with gentamicin was the most common regimen, with 57/146 (39%) of Trusts using it as their preferred regimen. Cefuroxime was used as the preferred regimen by 44/146 (30%), with teicoplanin plus gentamicin being the third most popular 25/146 (17%). There were ten further preferred regimens used by the remaining 20 Trusts.

Figure 1 illustrates the range of routine prophylactic antibiotic regimens used throughout England. Two Trusts employed two different regimens in this category of patient based on age. Therefore the denominator is 146.
Prophylaxis in patients with penicillin allergy. The two most common antibiotic/antibiotic combinations made

up 128/145(88%) of observed practice. Teicoplanin in combination with gentamicin was the most common regimen, with 90/145 (62%) of Trusts using it as their preferred regimen. Teicoplanin alone was used as the preferred regimen by 36/145 (26%). There were 12 further preferred regimens used by the remaining 20 Trusts.

Figure 2 illustrates the spread of prophylactic antibiotic regimens employed throughout England for patients who are allergic to penicillin. One Trust employed two different regimens in this category. Therefore the denominator is 145.

Prophylaxis in patient with a high risk of developing MRSA SSI infection. The two most common antibiotic/antibiotic combinations made up 123/146 (84%) of observed practice. Teicoplanin, in combination with gentamicin, was the most common, with 87/146 (60%) of Trusts using it as their preferred regimen. Teicoplanin alone was used as the preferred regimen by 34/146 (24%). There were 11 further preferred regimens used by the remaining 20 Trusts.

Figure 3 illustrates the distribution of prophylactic antibiotic regimens employed throughout England for patients at high risk of developing MRSA SSI infection. Two Trusts employed two different regimens in this category, therefore the denominator is 146.

Discussion

Our study has shown that 89% of SSIs in hip and knee arthroplasty in England are reportedly caused by the same seven organisms. However, we also found higher rates of MRSA PJI in the Midlands and East of England and

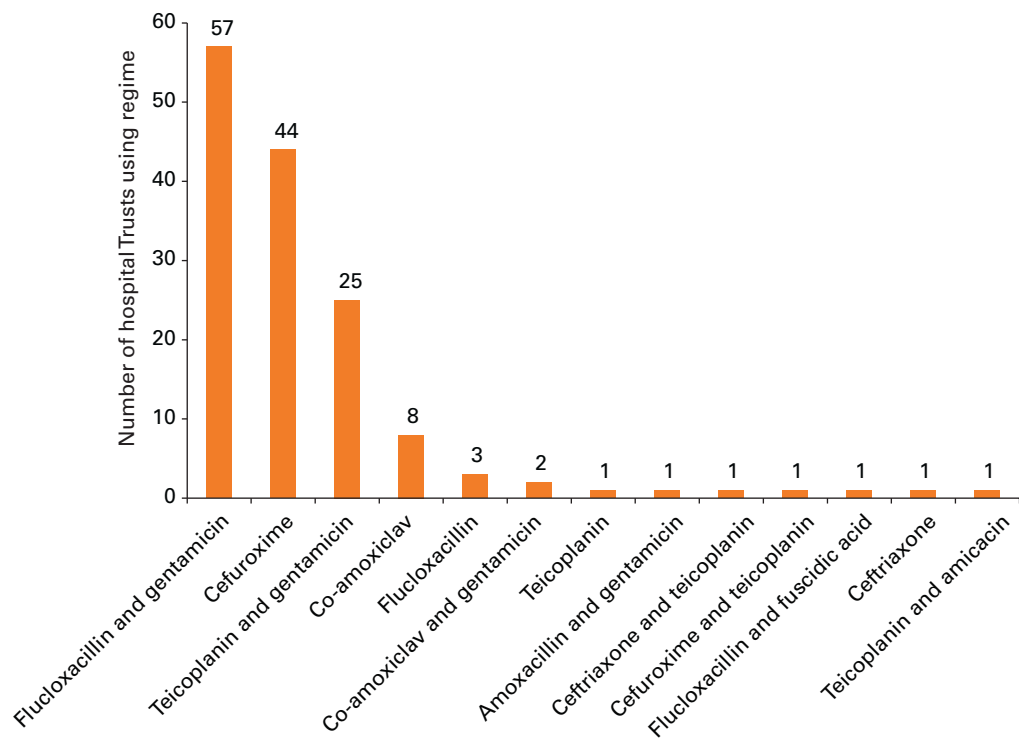


Fig. 1

Graph showing the prophylactic antibiotic regimens in general use for patients undergoing hip and knee arthroplasty.

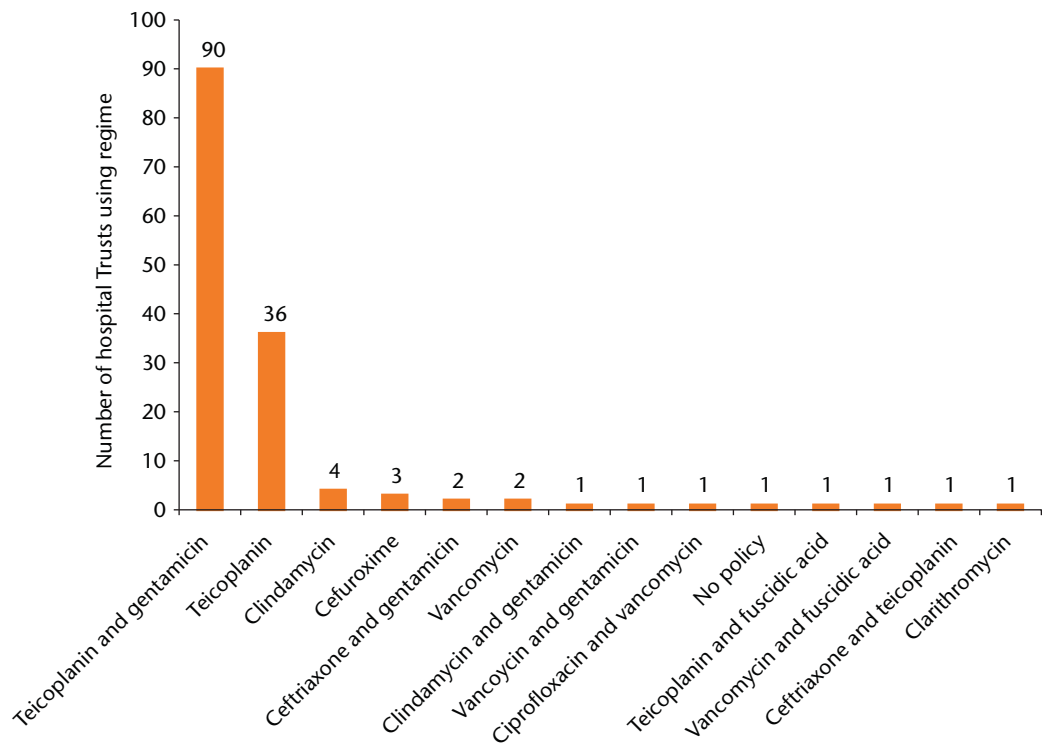


Fig. 2

Graph showing prophylactic antibiotic regimens in use for patients who are allergic to penicillin

higher rates of *Pseudomonas* spp. PJI in London. Without further data, it is difficult to understand exactly why these trends exist. Centres reporting higher burdens of MRSA or

pseudomonas may be tertiary referral centres for complex arthroplasties from elsewhere. These centres may therefore encounter larger volumes of patients with previous

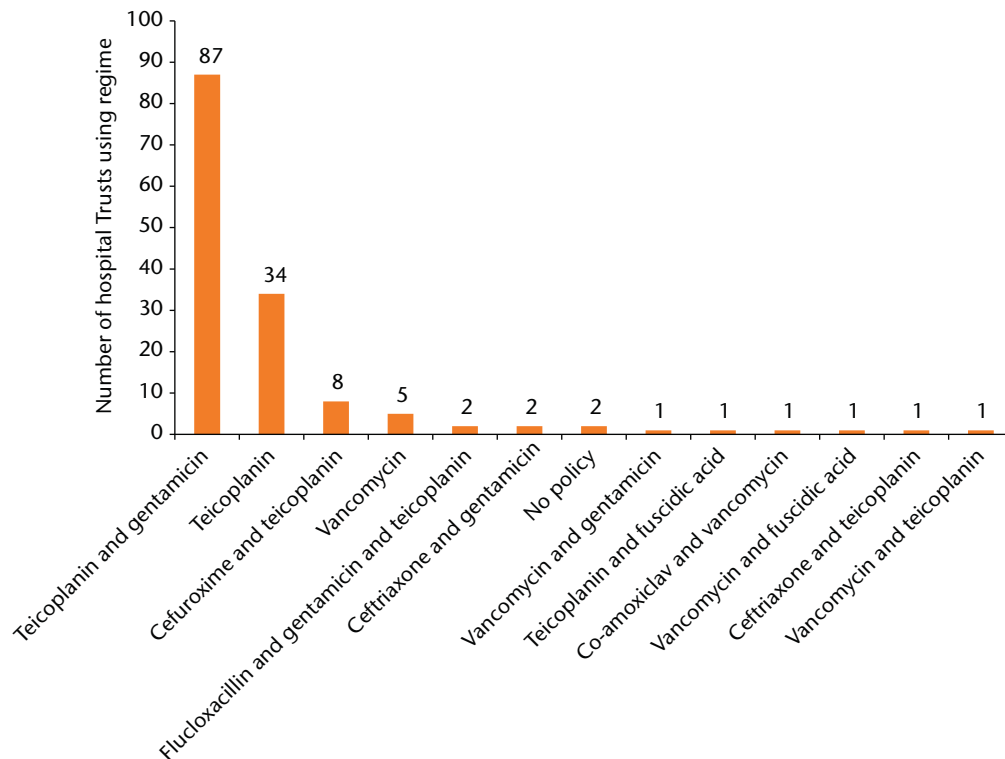


Fig. 3

Graph showing prophylactic antibiotic regimens in use for patients at a high risk of MRSA colonisation.

hospital admissions and antibiotic exposure that could render them more prone to infection with these organisms.

The low prevalence of SSI-related MRSA is against a background of falling numbers of SSIs caused by this organism, possibly related to national policies directed at reducing the MRSA.²⁵ It is worth noting, however, that Trusts may choose to adopt these recommendations on an individual basis.

Although there is a large body of evidence for the use of prophylactic antibiotics in primary hip and knee arthroplasty, there is no clear benefit to using one particular agent/regimen.^{26,27} This is unsurprising, given that PJI is a rare event and that a randomised study would need over 3000 patients per group in order to demonstrate a reduction in the rate of infection from 2% to 1%, with a power of 90% at the 95% confidence interval.²⁸ There are no randomised controlled trials available to guide the choice of any particular antibiotic regimen.

Current evidence. The evidence for different antibiotic regimens as prophylaxis for wound infections following joint arthroplasty surgery was last reviewed in 2005. This systematic review did not find any statistically significant difference in rates of infection when comparing cephalosporins with teicoplanin, cephalosporins with penicillin derivatives, or first-generation with second-generation cephalosporins. However, this review was based on poor-quality studies with variable follow-up and unsatisfactory definitions of infection.¹⁵

Dose and duration of therapy: cefuroxime. There is strong evidence for the use of 1.5 g cefuroxime at induction, however, two randomised controlled trials examining the effectiveness of post-operative doses of cefuroxime found no statistically significant difference in the prevention of SSIs.^{29,30}

Dose and duration of therapy: flucloxacillin. Use of a single prophylactic dose of flucloxacillin (1g) is supported by one RCT in which it compared favourably with cefazolin in clean, semi-elective orthopaedic surgery involving the implantation of metal work.³¹

Dose and duration of therapy: gentamicin. There is no evidence for the use of systemic gentamicin as prophylaxis in primary elective THA and TKA surgery.

Dose and duration of therapy: teicoplanin. Four randomised controlled trials provide strong evidence for the use of a single dose of 400 mg of teicoplanin at induction.³²⁻³⁵ Although there is no evidence to suggest that higher doses or prolonged courses of treatment result in fewer SSIs, studies have shown that this dose may be inadequate for patients weighing over 70 kg.³⁶

Complication profiles: cefuroxime. Although there is strong evidence for an association between cefuroxime and CDI in elderly inpatient populations and trauma patients receiving implantation of metal work, studies have not shown any association in the elective orthopaedic setting.^{18,37-39} Despite this, our analysis of PHE data showed that 25.5% of SSI isolates were reportedly due to

CoNS and 4.2% to MRSA. Cefuroxime is ineffective against MRSA, and may not be effective against CoNS. Additional arguments against the continued use of cefuroxime include its lack of activity against enterococci and *Pseudomonas* spp, and the increasing number of infections caused by extended spectrum beta-lactamase-producing organisms.

Complication profiles: flucloxacillin with gentamicin. There has been an increase in the percentage of Trusts using flucloxacillin in combination with gentamicin – from 1.3% in 2005 to 38.4% in 2013.⁴⁰ The efficacy of gentamicin depends on local strains and sensitivities, but it is usually active against Enterobacteriaceae, *Pseudomonas* spp. and MRSA in the United Kingdom, although rates of resistance are increasing.

One large, good quality study showed that a single dose of gentamicin caused a significant increase in the number of patients suffering from transient acute kidney injury (AKI).¹⁸ Another non-randomised study found an association between combined high-dose flucloxacillin with single-dose gentamicin and renal impairment; including three patients that subsequently required short-term haemodialysis.⁴¹ This was supported by a prospective study in 2013, which showed a highly significant increase in patients suffering AKI – from 1.7% with cefuroxime to 9.5% with combined flucloxacillin and gentamicin.⁴¹

Complication profiles: teicoplanin with gentamicin. Use of teicoplanin alone is not associated with significant complications, although it may cause AKI when combined with gentamicin. Advantages of teicoplanin over vancomycin include a reduced risk of nephrotoxicity and a quicker speed of pre-operative intravenous administration, despite increased time for reconstitution. It is administered as a five-minute intravenous bolus, rather than a one-hour infusion. Teicoplanin is highly active against both MRSA and MSSA, although resistance is increasing.²⁸ This regime is also useful in those who are allergic to penicillin.

The limitations of this study include the absence of data on the use of antibiotic impregnated cement, and that microbial profiles provided by super regions may not directly correspond with causative organism distribution at Trust level, due to variation between Trusts in each region. Reporting on micro-organism is optional, and may have been a potential source of bias. However, the microbial aetiology among deep-seated SSIs was similar to the overall analysis, and so the possibility of bias in the type of organism being reported does not seem convincing. In addition, there is no guarantee that the antibiotics administered as prophylaxis always comply with Trust protocols.

The use of an ecological analysis to examine the correlation between interventions and outcomes at population level (prophylaxis choice and organism distribution) does not establish cause and effect. However, it

has been useful in defining a problem in public health (variation in practice) for future investigation.


In conclusion, this survey outlines current practice with regard to antibiotic prophylaxis for elective primary TKA and THA in England. It reveals a disparity in the choice of antibiotic(s), duration of therapy and interpretation of the available evidence in the literature without clear justification. A number of regimens currently in use do not appear to take account of the most recent evidence, and could potentially result in avoidable complications and adverse events. The median time to onset of SSI suggests that a prophylaxis regimen is a relevant factor, hence practice changes remain indicated. Extremely late onset of SSI occurs much less frequently and, for these patients, surgical antibiotic prophylaxis practices may be less relevant, although this should not preclude optimisation of peri-operative practices.

Despite the lack of high-level evidence proving one antibiotic superior to others, there have been efforts in North America to establish a consensus. In Canada, a 2009 survey of antibiotic prophylaxis for total joint arthroplasty (TJA) surgery showed that 97.3% of surgeons surveyed routinely administered cefazolin as their first line prophylaxis.⁴² In the United States, the American Academy of Orthopaedic Surgeons recommend that cefazolin or cefuroxime are the preferred intravenous antibiotics to be used as prophylaxis in primary TJA.⁴³ With rates of SSI reported as approximately 1% in the United States and Canada, their results are comparable with the United Kingdom and Europe. It is therefore difficult to understand why such variation exists in the United Kingdom. One possibility is that antibiotic choice is influenced by organisational aversion to certain antibiotics, e.g., following high-profile CDI outbreaks. For example, those that are averse to cephalosporins may be more likely to use the dual combination flucloxacillin and gentamicin. The 2014 English surveillance programme for antimicrobial utilisation and resistance (ESPAUR) report includes a national survey on antimicrobial stewardship in secondary care in 2014. A total of 99 (67.8%) of 146 contacted acute NHS Trusts responded to the survey. Of those, 98% of Trusts reported the use of surgical antibiotic prophylaxis policy. However, just over 80% of Trusts implemented audits of compliance to antibiotic guidelines (dose, route and duration). Although this is high further improvement in the process, monitoring is needed as this activity is key in order to influence changes in practice. The report also found that 24% of survey respondents had a written antimicrobial education and training strategy.²³ These results may, in part, explain the variation in surgical prophylaxis that we observed in our study. Another explanation that could account for some of the variation in regimens is that it could reflect local analyses of infecting organisms. There is, however, no obvious reason why the United Kingdom should not aim

to establish a consensus in the same way as has been achieved in North America.

It is arguable that the financial burden, morbidity, and mortality associated with SSIs following THA and TKA are sufficient to support efforts to undertake further research in this field. This research should focus on establishing the safest regimen/dose, by comparing complications such as SSI, AKI, CDI rates, and rates of MRSA infection. We would suggest that the National Joint Registry collect data on antibiotic(s) used including dose, route, duration, and timings. This data could then be combined with that already collected by PHE including rates of SSI, CDI and MRSA.

Supplementary material

 Further information and tables detailing antibiotic prophylaxis regimes, including dose, duration and most commonly used regimes, in routine, penicillin allergy, and cases presenting a high risk of MRSA, as well as a map demonstrating the 'super regions' can be found alongside the online version of this article at www.bjr.boneandjoint.org.uk

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■ Mr Sprowson sadly died in March 2015.

Author contributions:

- C. J. Hickson: Study design, data collection, analysis and interpretation, drafted manuscript
- D. Metcalfe: Study design, data collection, analysis and interpretation, critical revisions
- S. Elgohari: Provided PHE data, data analysis and interpretation, critical revisions
- T. Oswald: Study design, data interpretation, critical revisions
- J. P. Masters: Study design, data interpretation, critical revisions
- M. Rymaszewska: Undertook a feasibility study, data collection, and critical revisions
- M. R. Reed: Study design, data interpretation, critical revisions
- A. P. Sprowson[†]: Study design, data interpretation, critical revisions

ICMJE Conflict of Interest:

- None declared

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EXHIBIT DX24

TO DECLARATION OF COREY L. GORDON
IN SUPPORT OF DEFENDANTS' OPPOSITION
TO PLAINTIFFS' MOTIONS TO EXCLUDE
TESTIMONY OF THEODORE HOLFORD AND
JONATHAN BORAK

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Changing antibiotic prophylaxis for primary joint arthroplasty affects postoperative complication rates and bacterial spectrum

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ABSTRACT

Background: The reduction of *Clostridium difficile* associated diarrhoea (CDAD) is a national priority. As part of the *C. difficile* improvement plan in our Trust, antibiotic prophylaxis for primary arthroplasty was changed from cefuroxime to gentamicin. Gentamicin was chosen following a review of the sensitivity profiles of all the organisms isolated from infected primary arthroplasties.

Methods: From January 2002 to September 2007, 6094 patients (Group 1) undergoing primary hip and knee arthroplasty received three doses of Cefuroxime as prophylaxis; while from October 2007 to February 2009, 2101 patients (Group 2) received single dose Gentamicin (4.5 mg/kg). We studied the rate of CDAD as well as several other postoperative complications, including rate of return to theatre (RTT), before and after the change.

Findings: There was an insignificant fall in CDAD from 0.18% to 0% ($p = 0.08$) in Group 2, however there was a statistically significant increase in pneumonia (0.67–1.33%, $p < 0.01$), acute renal failure (ARF) requiring HDU admission (0.07–0.33%, $p < 0.01$) and RTT (1.08–1.95%, $p < 0.01$) in this group. RTT for proven infection increased from 0.66% to 1.52% ($p < 0.01$).

Conclusions: We conclude that Gentamicin 4.5 mg/kg alone should not be used as prophylaxis for primary joint arthroplasty as it does not reduce CDAD significantly but increases the risk of other postoperative complications. We have changed our prophylaxis to low dose gentamicin (3 mg/kg) combined with Teicoplanin 400 mg given once.

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Introduction

Antibiotic prophylaxis has been demonstrated to reduce the incidence of wound infection after joint arthroplasty.¹ It is recommended by the National Institute for Health and Clinical Excellence (NICE),² the British Orthopaedic Association (BOA),³ and by the National Surgical Infection Prevention

Project in the United States.⁴ A systematic review carried out in 2008 showed that antibiotic prophylaxis reduces the relative risk of wound infection by approximately eighty percent compared with no prophylaxis.¹ A survey of BOA members carried out in 2009 found that the hospital trusts of 88% respondents provided a protocol for the use of prophylactic antibiotics and that 58% used cefuroxime, which is in keeping

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with Scottish Intercollegiate Guideline Network guidelines recommending multiple dosing over 24 h.⁵

Cephalosporins alter the normal gut flora and are one of the most frequently implicated group of antibiotics in the development of *C. difficile* associated diarrhoea (CDAD).⁶ Voluntary reporting of 55,000 cases of CDAD in 2006 in England prompted Health Protection Agency (HPA) and Chief Medical Officer guidance and targets.⁷ Cephalosporin prophylaxis in joint replacement was identified as a potential contributor to the development of CDAD.

In 2007–2008, a Trust-wide *C. difficile* improvement plan was launched. This included a revision of the hospital antibiotic guidelines (July 2007), introduction of chlorine-containing cleaning agents in patient areas (August 2007),⁸ root cause analysis, education and audit programmes, proton pump inhibitor guidelines, commencement of 'Deep Clean' (January 2008)⁹ and hydrogen peroxide fumigation (June 2008). In October 2007 antibiotic prophylaxis for joint replacement was changed from Cefuroxime to Gentamicin Trust-wide. Gentamicin was chosen following a review of the sensitivity profiles of all the organisms isolated from infected primary arthroplasties. We have studied the impact of this change on CDAD, and on other postoperative complications including wound infection, pneumonia, urinary tract infection (UTI) and acute renal failure (ARF). In addition we have examined the microbiological spectrum and antibiotic sensitivities of organisms isolated from any postoperative wound infections.

Materials and methods

All patients undergoing primary total hip and knee replacement between January 2002 and February 2009 at three participating district hospitals were included in the study. Group 1 comprised patients operated on between 1 May 2002 and 30 September 2007; these all received three doses of intravenous Cefuroxime 750 mg as prophylaxis (one at induction and two postoperatively, over 24 h). All patients operated on between 1 October 2007 and 26 February 2009 received a single dose of Gentamicin 4.5 mg/kg at induction (Group 2). The dose was based on ideal body weight to ensure optimal dosing of obese or underweight patients. Gentamicin-loaded cement (0.5 g per 40 g mix) was used in both groups.¹⁰

Hospital episode statistics collected by all healthcare providers in the UK (including independent hospitals) on NHS patients, describe each patient episode in terms of medical diagnosis and complication codes.^{11,12} Individual episode data is linked to complications which result in re-admission after a successful discharge is included. By employing the appropriate codes, complication rates following primary joint arthroplasty can be identified. (Table 1) Data was requested with regard to the incidence of CDAD, UTI and pneumonia (as defined by the HPA)¹³ within 30 days of surgery. Data was collected on all patients who returned to theatre (RTT) after their primary arthroplasty up to 1 year. The medical records of these RTT patients were scrutinised to determine whether the procedure was related to their joint replacement. The microbiological records of those patients were also examined to determine if samples had been taken at the time of surgery. If

the microbiological and clinical findings fulfilled the HPA definition criteria,¹⁴ this was recorded as RTT.

The infecting organism and sensitivity profile were recorded. Sensitivity testing was performed manually (a combination of Stokes and BSAC methods) until May 2007, after which the system was automated using the VITEK 2 system (bioMérieux®, Maray l'Etoile, France). The incidence of ARF was also recorded, however as a relatively small deterioration in renal function was triggering a diagnosis of ARF, only the patients who were diagnosed with ARF requiring admission to the high dependency unit (HDU) were included in our study. Gentamicin commonly causes a temporary rise in creatinine and so those patients whose renal function quickly recovered, not requiring HDU admission were not included in the figures. Admission to HDU/ITU per se was not an endpoint in this study. Data was analysed using Fishers exact test, and a *p* value of less than 0.05 was considered as statistically significant.

Results

A total of 6094 patients were included in Group 1, while Group 2 comprised 2101 patients. The two groups were matched for patient age and for proportion of hip and knee procedures. More operations were performed per month in Group 2 (123 operations per month compared to 75 in Group 1, Table 2). This reflects the increased volume of work that the Trust agreed to perform in this period, due to service reorganization and expansion, and the implementation of a fast-track programme.¹⁵ Of note there was a statistically significant increase in pneumonia (0.67% vs. 1.33%, *p* < 0.01) and acute renal failure requiring HDU admission (0.07% vs. 0.33%, *p* < 0.01). There was a reduction in CDAD from 0.18% to 0%, which was not statistically significant (*p* = 0.08). Finally the rate of RTT increased significantly, for all reasons (from 1.08% to 1.95%, *p* < 0.01) and for infection alone (from 0.66% to 1.52%, *p* < 0.01). These trends are depicted in Fig. 1.

Figure 2 depicts the spectra of organisms causing prosthetic joint infection in the two groups. There was no significant difference in the microbiological profile of infecting organisms between the two groups. There were statistically insignificant trends towards a higher proportion of Methicillin-sensitive *Staphylococcus aureus* (MSSA) and *Streptococcus* sp., and lower proportions of Methicillin-resistant *Staphylococcus aureus* (MRSA) and *Enterococcus* sp. in Group 2. Although there were no significant changes in the bacterial spectrum of infecting organisms, there were trends towards changing antibiotic resistance, especially an increasing resistance to Gentamicin amongst the Coagulase negative *Staphylococci* (CNS).

Discussion

Antibiotic prophylaxis is proven to reduce wound infection after joint arthroplasty. It has been estimated that one infection is prevented for every 13 patients receiving prophylaxis. The cost of infection after joint replacement has been estimated to be between \$50,000 and \$100,000 (£ 32,000–64,000).^{16,17} Several trials comparing prophylactic

Table 1 – International statistical classification of diseases and related health problems [10th revision], ICD-10 codes, and surgical procedure (Office of Population, Censuses and Surveys Classification of Surgical Operations and Procedures [4th revision], OPCS-4 codes).

Elective procedure	Complication within 30 days	Return to theatre within 30 days
TKR: W40.1 Cemented W41.1 Uncemented W42.1 Unspecified	A047 <i>C. difficile</i> N17 Renal failure J18, J22 plus Y83 Pneumonia	W80.1–3, W80.8–9 Open debridement and irrigation of joint W81 Other open operations on joint W90 Puncture of joint W92 Other operations on joint
THR: W37.1 Cemented W38.1 Uncemented W39.1 Unspecified W93.1 Hybrid, cemented acetabular component W94.1 Hybrid, cemented femoral component W95.1 Hybrid, unspecified	N390 Urinary tract infection	S47.2 Drainage of lesion of skin Specifically for TKRs: W87 Diagnostic endoscopic examination of knee joint W42.4 Attention to total prosthetic replacement of knee joint NEC with Y221 Specifically for THRs: W39.4 Attention to total prosthetic replacement of hip joint NEC with Y221

Cephalosporins to no antibiotics have demonstrated a significantly reduced infection rate in arthroplasty surgery.^{18–21} Evidence supporting systemic Gentamicin as routine prophylaxis is not well published. However the benefit of Gentamicin-impregnated cement combined with systemic antibiotics is well documented.^{22–25} Antibiotic-impregnated cement has been shown in a meta-analysis to reduce infection rate by approximately 50% in primary arthroplasty.²⁶ The incidence of CDAD in orthopaedic patients has not been well established and will be strongly influenced by unique local factors. Kurd et al identified a rate of 0.16% in 9880 primary and revision arthroplasty patients and concluded that CDAD was associated with ASA score, hospital duration and number of antibiotics administered. The study did not distinguish between prophylactic and treatment antibiotics.²⁷

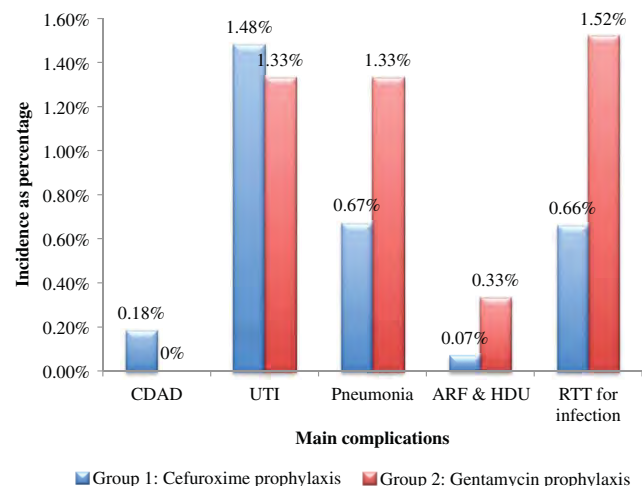
Recent work by Jeavons et al. found that changing antibiotic prophylaxis for hip fracture surgery from Cefuroxime to single dose Gentamicin and Amoxicillin, significantly reduced both the length of stay (17 vs. 13 days, $p = 0.04$) and the incidence of CDAD (6–0%, $p = 0.02$).²⁸ Al-Obaydi et al. also found

that changing from Cefuroxime to Gentamicin and Flucloxacillin as prophylaxis for hip and knee replacement and hip fracture surgery resulted in a significant reduction in CDAD rate (3.7 vs. 1.3%, $p < 0.005$) but no change in deep wound infection rate.²⁹ We also found that switching from Cefuroxime to Gentamicin reduced the rate of CDAD (from 0.18% to 0%) although this was not statistically significant. It may also have been influenced by other measures introduced during this time, as part of the *C. difficile* improvement plan. Although the rate of CDAD did fall, the incidence of other postoperative complications increased. The incidence of pneumonia increased from 0.67% to 1.33% and that of ARF (requiring HDU admission) increased from 0.07% to 0.33%. Most significantly, the rate of return to theatre for infection increased from 0.66% to 1.52%. All of these results are statistically significant.

Antibiotic resistance to several antibiotics appeared to increase in Group 2. This may reflect a true increase in resistance but may also be related to a change in methods for sensitivity testing and in the use of other antibiotics for treatment of other infections. The most significant result with

Table 2 – Complication rates in the two groups.

	Group 1 1 May 2002–30 Sep 2007	Group 2 1 Oct 2007–28 Feb 2009	
Prophylaxis	Cefuroxime	Gentamycin	
No of patients	6094	2101	
Mean age (years) [median]	69.2 [70]	68.9 [70]	
THR: TKR	2769:3325	858:1243	
Unit 1:Unit 2: Unit 3	2752:1378:1964	924:614:563	
CDAD	11 (0.18%)	0 (0.0%)	$P = 0.08$
UTI	90 (1.48%)	28 (1.33%)	$P = 0.67$
Pneumonia	41 (0.67%)	28 (1.33%)	$P < 0.01$
ARF requiring HDU	4 (0.07%)	7 (0.33%)	$P < 0.01$
Total RTT for infection	40 (0.66%)	32 (1.52%)	$P < 0.01$

**Fig. 1 – Complication rates compared between the two groups.**

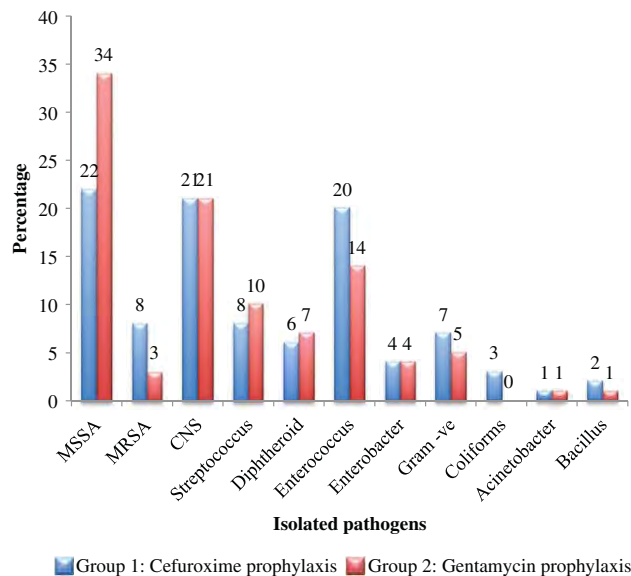


Fig. 2 – Bacterial spectrum of subsequent prosthetic joint infections compared between the two groups. MRSA, methicillin-resistant *Staphylococcus aureus*; MSSA, methicillin-sensitive *Staphylococcus aureus*; CNS, coagulase negative *Staphylococcus*.

regard to antibiotic resistance is probably the increase in gentamicin resistance in the coagulase negative staphylococci which has been reported to be the most common cause of infection in total hip and knee replacement.^{30–32} This has influenced our current prophylaxis regime.

There are potential limitations in our study. Coding of complications requires accurate documentation in the case notes. This has been subject to a separate audit confirming that our unit has extremely accurate and robust coding mechanisms.³³ There were changes to *C. difficile* and MRSA preventative protocols during the course of the study. Access to critical care beds may have changed since the early days of this study and the increased admission to HDU for ARF may reflect easier access rather than increased severity of organ failure. Gentamicin has a different spectrum cover from cefuroxime, possibly accounting for increase in pneumonia and wound infections. Gentamicin is known to be nephrotoxic, however single dose prophylaxis was deemed safe by microbiological guidance. Nonetheless the incidence of ARF increased.

Concerned about increased wound infection and ARF identified in this study, we have changed our prophylaxis to low dose gentamicin (3 mg/kg) combined with teicoplanin 400 mg given once, to cover gentamicin resistant staphylococci (mainly the coagulase negative staphylococci) as well as improved cover for streptococci and enterococci. The rate of CDAD was reduced by changing prophylaxis, however the actual number of cases of CDAD was very small in both groups and power of this calculation was low (power = 0.49). Therefore the reduction was not statistically significant. The increases in ARF, pneumonia and RTT for infection in the group given gentamicin are statistically significant with power calculations of 0.72, 0.85 and 0.92 respectively.

Conclusions

The reduction in CDAD produced by the switch to gentamicin needs to be balanced against the increase in morbidity from increased wound infection, pneumonia and ARF. We recommend that single dose Gentamicin (4.5 mg/kg) alone is not used as prophylaxis for joint replacement.

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